

DROP BOX NO. 3
LT STA 635 + 63.70

BILL OF MATERIAL
(For Information Only)

BAR	SIZE	NO.	LENGTH	SHAPE
d	5	51	4'-4"	
f	6	2	9'-1"	
f1	4	4	17'-7"	
g	5	10	2'-2"	
h	6	47	9'-1"	
h1	5	12	17'-5"	
h2	5	2	8'-0"	
h3	5	6	17'-5"	
v	4	33	2'-5"	
v1	4	13	7'-5"	
v2	4	8	4'-3"	
u	5	4	17'-1"	
DESCRIPTION			UNIT	QTY
CONCRETE STRUCTURES			CU YD	7.71
REINFORCEMENT BARS			LB	1524
DESCRIPTION			UNIT	QTY.
3" GALVANIZED STEEL PIPE			7'-6"	3
			9'-4"	3
			9'-4"	4
3" GALVANIZED PIPE CAPS			EACH	20
1/4" GALVANIZED STEEL PLATE (9" NOMINAL)			EACH	11
1/2"x4"x14" GALVANIZED STEEL PLATE			EACH	11
5/8"x9" GALVANIZED STEEL BOLTS			EACH	34

GENERAL NOTES:

This work shall be paid for at the contract unit price per Each for Drop Box No. 3.

Contractor shall field verify Galvanized pipe length.

Exposed edges shall be beveled 3/4 ".

The contract unit price "each" for DROP BOX NO. 3 shall include the Expansion Bolts, Galvanized Pipe, Pipe Caps, Concrete Structures, Reinforcement Bars, Bolts, Nuts, Washers, Steel Plates, earth excavation where required, and necessary grading to fit the Inlet as shown in the cross sections or to the slope.

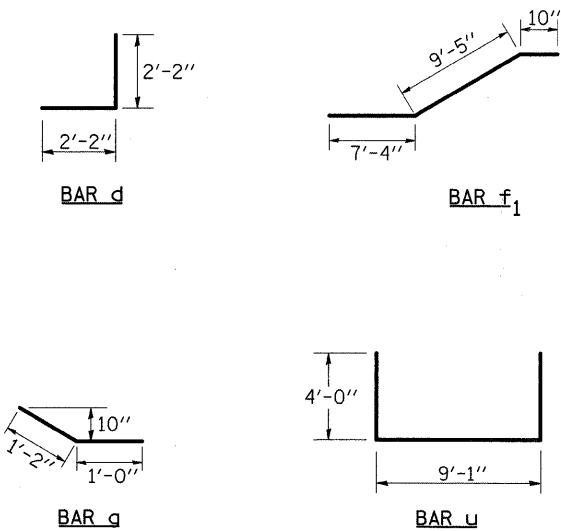
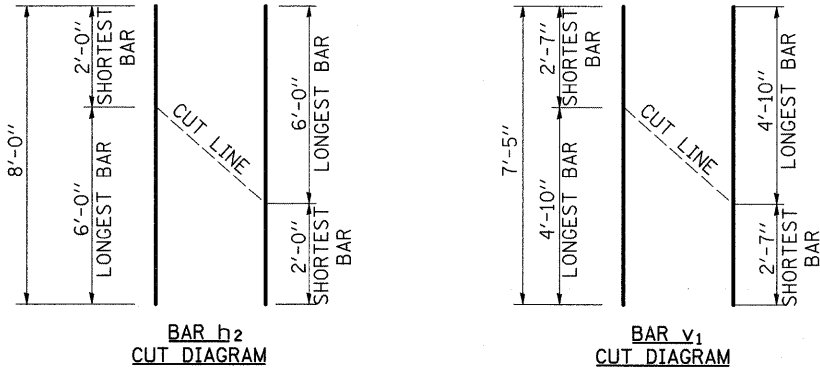
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60 (IL Modified). See Special Provisions.

Steel Plates shall conform to AASHTO M-183 and shall be Galvanized conforming to AASHTO M-111.

Bolts, Nuts, and Washers shall be in accordance with Article 505 of the Standard Specification and shall be galvanized.

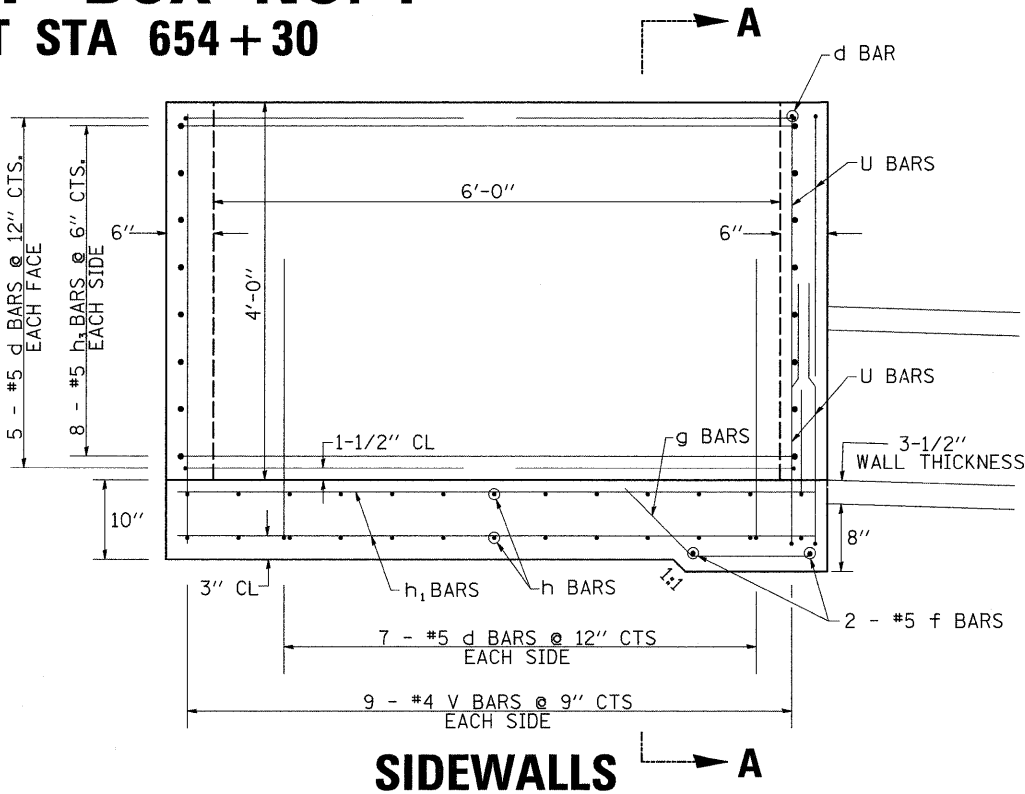
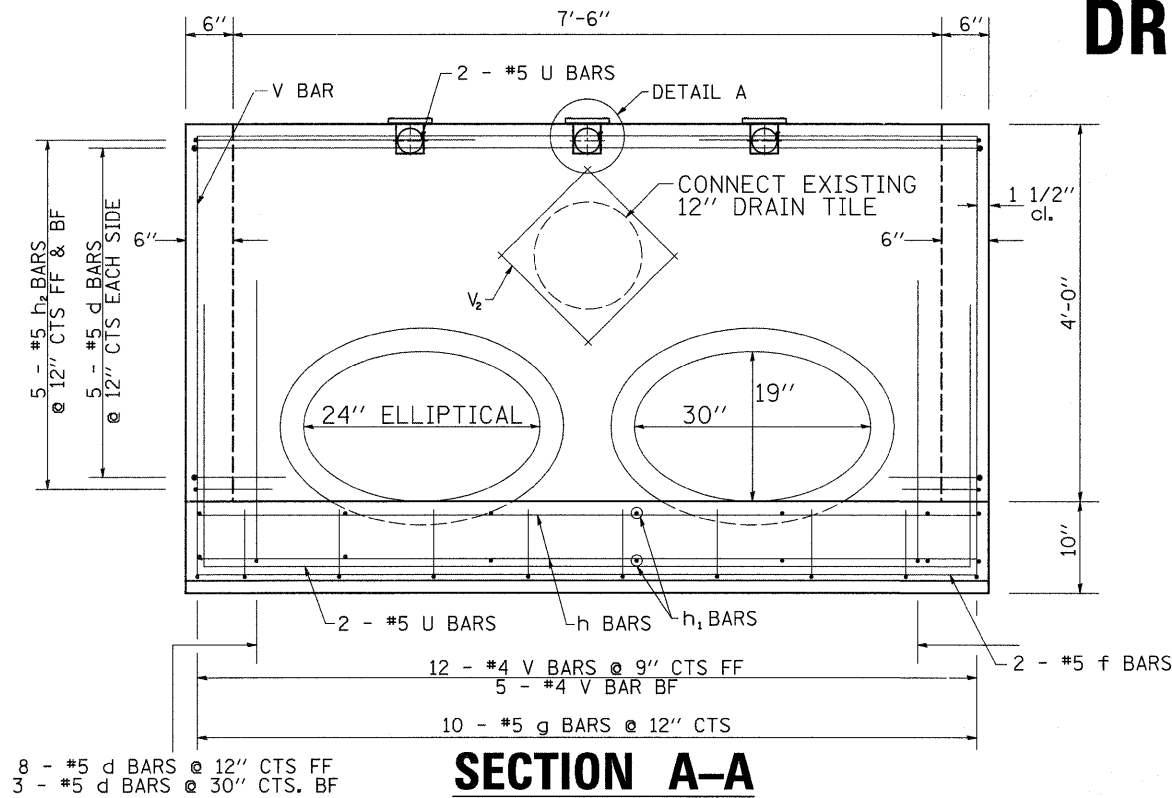
See Plan & Profile Sheet for more information.

See Cross Section Sheet for more information.



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DROP BOX NO. 3				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\PWIDOT\CUSHMANBW\dms34123\dwg\6486culv.dgn		DRAWN -	REVISED -						742	37R-3	OGLE	345	201
		CHECKED -	REVISED -						CONTRACT NO. 84788				
		DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

DROP BOX NO. 4
LT STA 654 + 30



BILL OF MATERIAL				
(For Information Only)				
BAR	SIZE	NO.	LENGTH	SHAPE
d	5	45	4'-4"	
f	5	2	8'-3"	
g	5	10	2'-2"	
h	7	26	8'-3"	
h1	5	14	6'-9"	
h2	5	10	8'-3"	
h3	5	16	6'-9"	
v	4	35	4'-6"	
v2	4	8	1'-3"	
u	5	4	15'-3"	
DESCRIPTION			UNIT	QTY
CONCRETE STRUCTURES			CU YD	3.88
REINFORCEMENT BARS			LB	1154
DESCRIPTION			UNIT	QTY.
3" GALVANIZED STEEL PIPE			7'-0"	3
3" GALVANIZED PIPE CAPS			EACH	6
1/4" GALVANIZED STEEL PLATE (9" NOMINAL)			EACH	6
1/2"x 4"x 14" GALVANIZED STEEL PLATE			EACH	6
5/8"x 9" GALVANIZED STEEL BOLTS			EACH	12

GENERAL NOTES:

This work shall be paid for at the contract unit price per Each for Drop Box No. 4.

Contractor shall field verify Galvanized pipe length.

Exposed edges shall be beveled 3/4 ".

The contract unit price "each" for DROP BOX NO. 4 shall include the Expansion Bolts, Galvanized Pipe, Pipe Caps, Concrete Structures, Reinforcement Bars, Bolts, Nuts, Washers, Steel Plates, earth excavation where required, and necessary grading to fit the inlet as shown in the cross sections or to the slope.

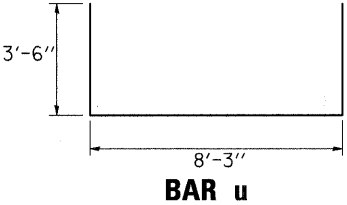
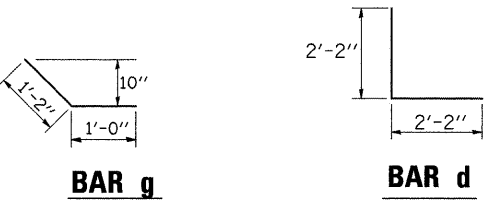
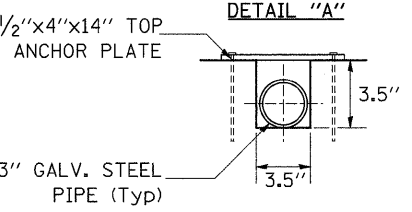
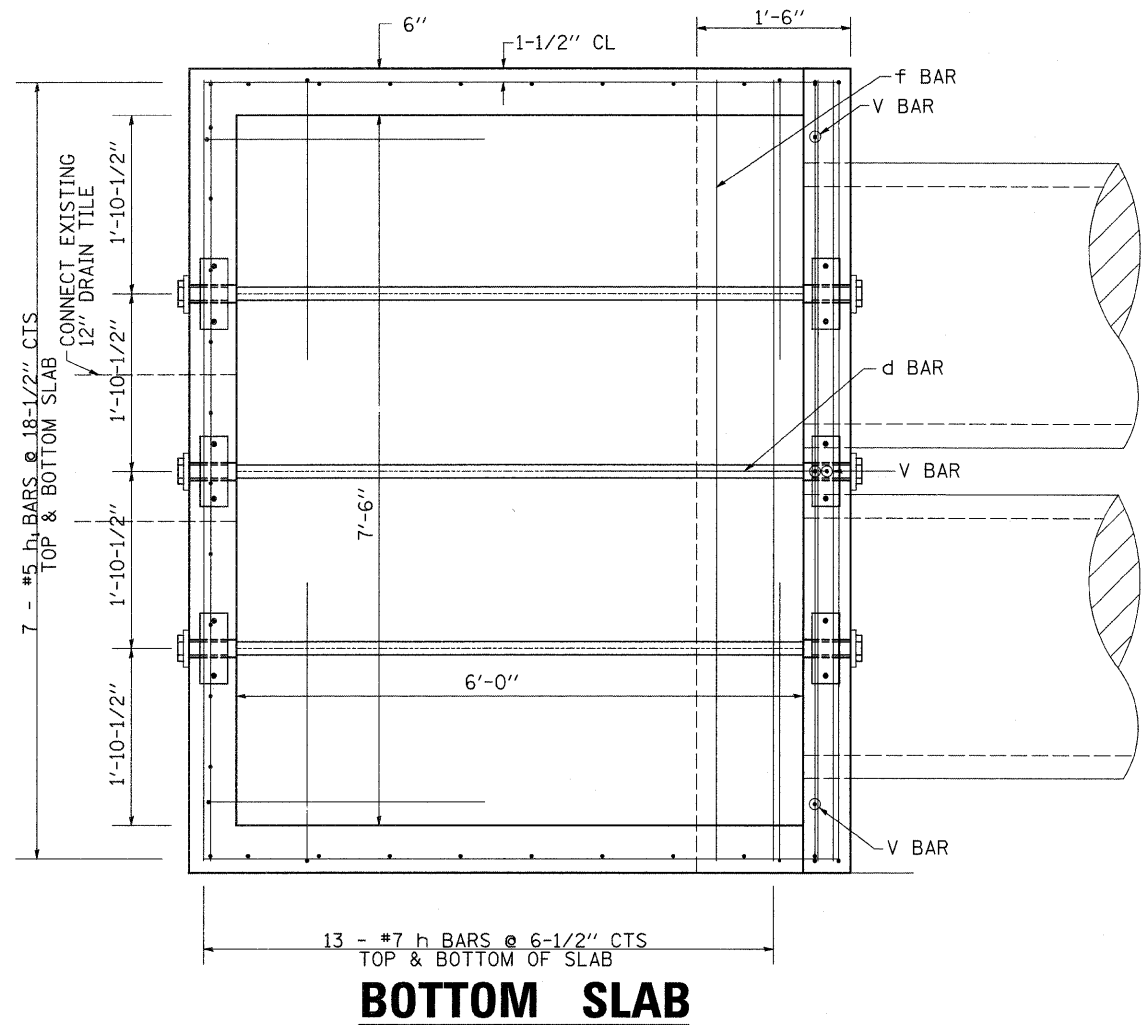
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60 (IL Modified). See Special Provisions.

Steel Plates shall conform to AASHTO M-183 and shall be Galvanized conforming to AASHTO M-111.

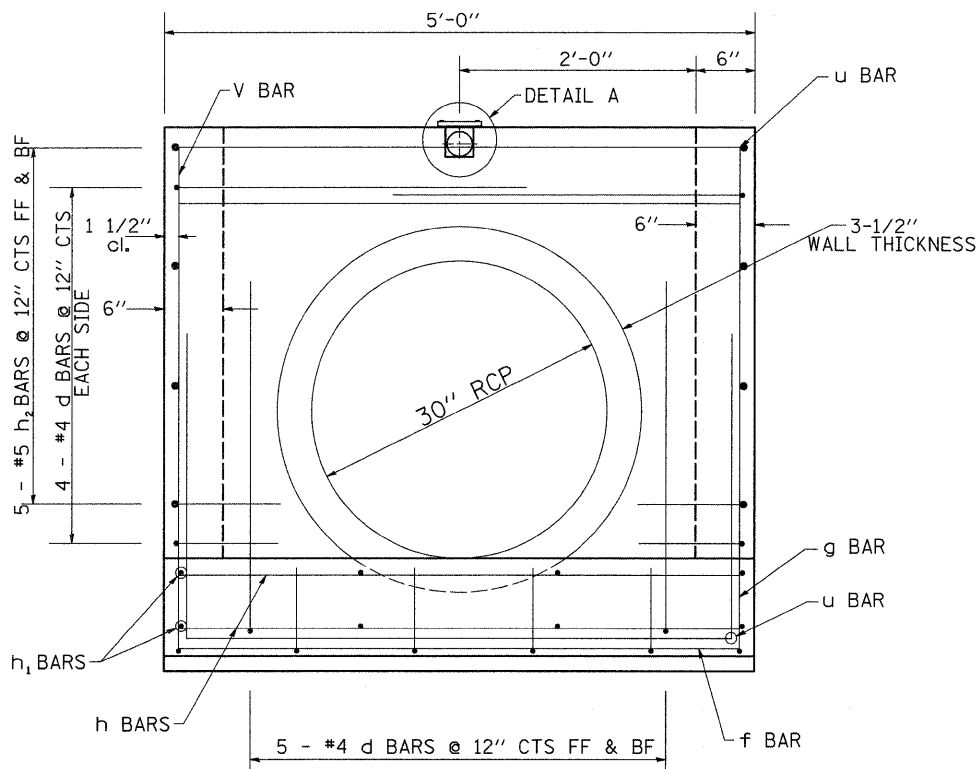
Bolts, Nuts, and Washers shall be in accordance with Article 505 of the Standard Specification and shall be galvanized.

See Plan & Profile Sheet for more Information.

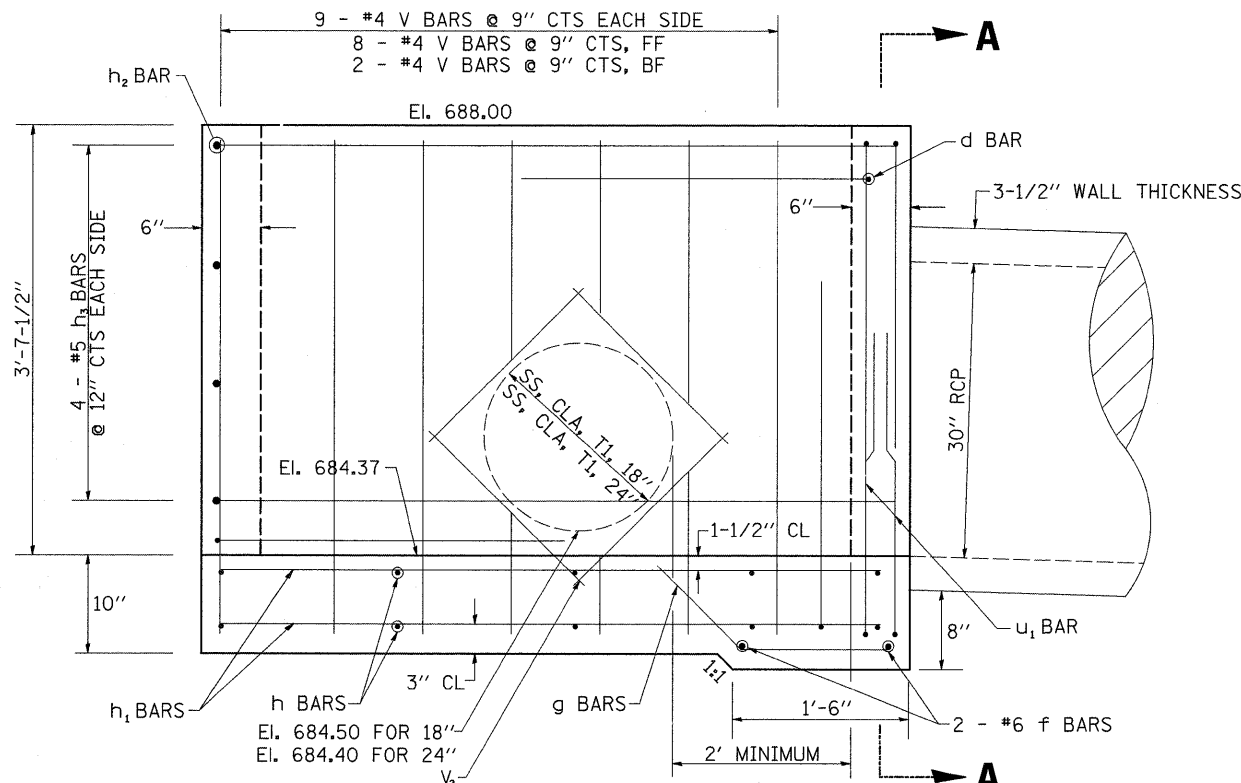
See Cross Section Sheet for more Information.



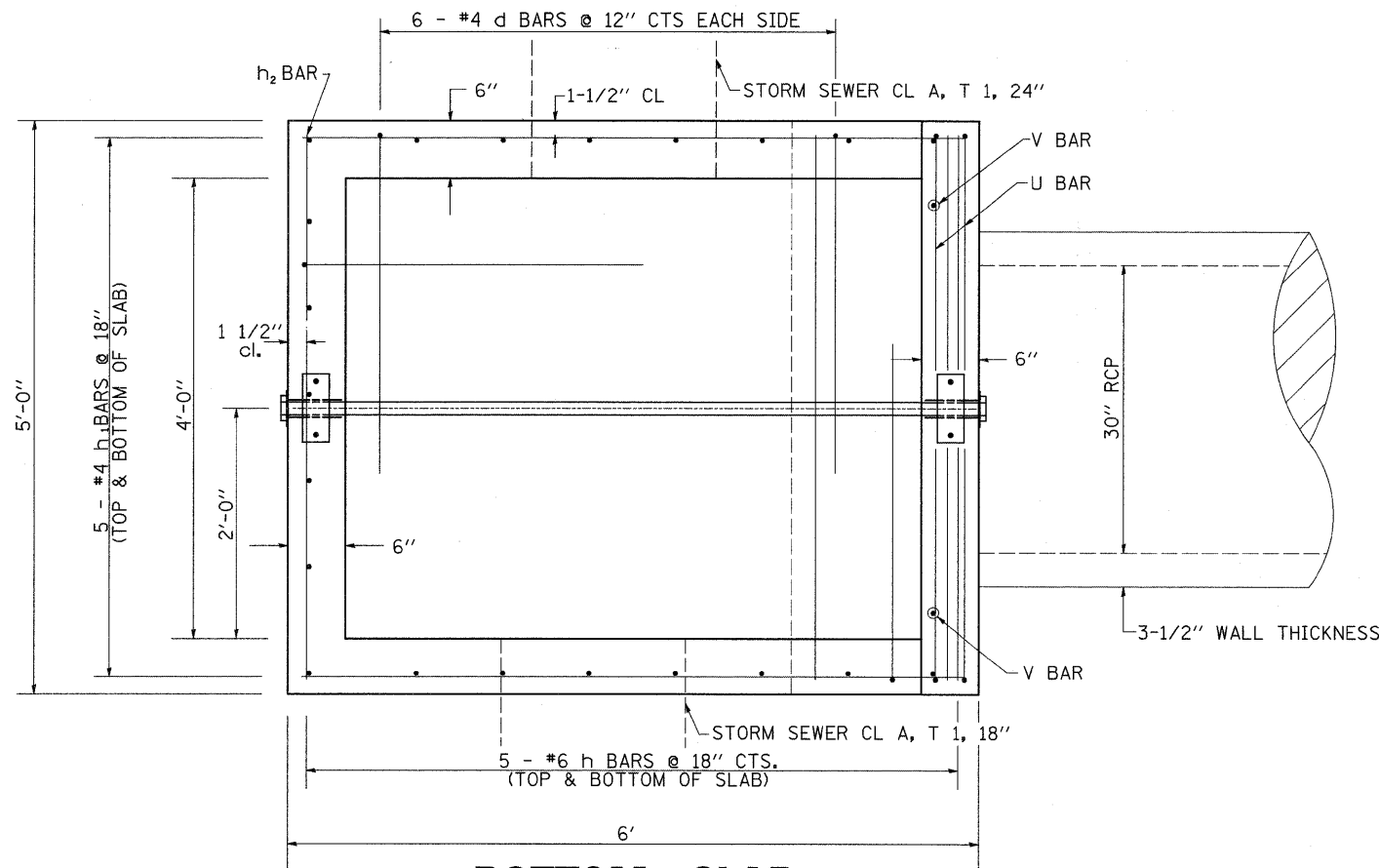
DROP BOX NO. 5
LT STA 667 + 20



SECTION A-A



SIDEWALLS



BOTTOM SLAB

BILL OF MATERIAL

(For Information Only)

BAR	SIZE	NO.	LENGTH	SHAPE
d	4	30	3'-4"	┐
f	6	2	4'-9"	—
g	4	6	2'-2"	—
h	6	10	4'-9"	—
h1	4	10	5'-9"	—
h2	5	10	4'-9"	—
h3	5	8	5'-9"	—
v	4	28	4'-1"	—
v2	4	16	2'-6"	—
u	4	4	10'-9"	┐
DESCRIPTION			UNIT	QTY
CONCRETE STRUCTURES			CU YD	2.17
REINFORCEMENT BARS			LB	429
DESCRIPTION			UNIT	QTY.
3" GALVANIZED STEEL PIPE			6'-0"	1
3" GALVANIZED PIPE CAPS			EACH	2
1/4" GALVANIZED STEEL PLATE (9" NOMINAL)			EACH	2
1/2"x 4"x 14" GALVANIZED STEEL PLATE			EACH	2
5/8"x 9" GALVANIZED STEEL BOLTS			EACH	4

GENERAL NOTES:

This work shall be paid for at the contract unit price per Each for Drop Box No. 5.

Contractor shall field verify Galvanized pipe length.

Exposed edges shall be beveled 3/4 ".

The contract unit price "each" for DROP BOX NO. 5 shall include the Expansion Bolts, Galvanized Pipe, Pipe Caps, Concrete Structures, Reinforcement Bars, Bolts, Nuts, Washers, Steel Plates, earth excavation where required, and necessary grading to fit the Inlet as shown in the cross sections or to the slope.

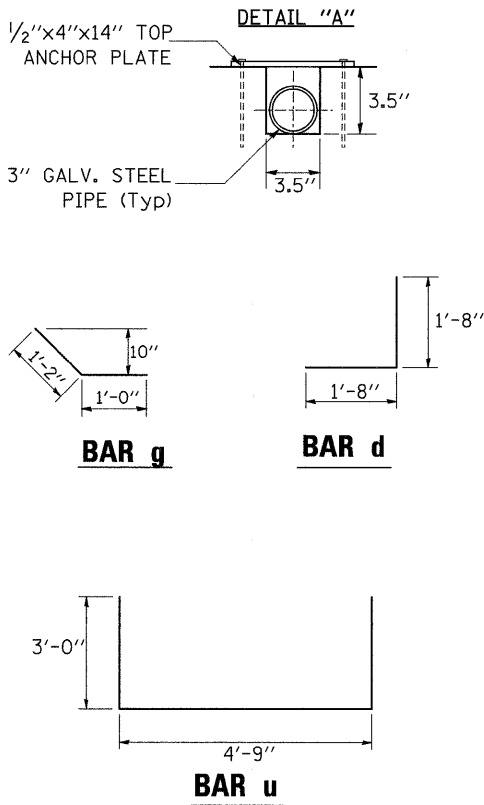
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60 (IL Modified). See Special Provisions.

Steel Plates shall conform to AASHTO M-183 and shall be Galvanized conforming to AASHTO M-111.

Bolts, Nuts, and Washers shall be in accordance with Article 505 of the Standard Specification and shall be galvanized.

See Plan & Profile Sheet for more information.

See Cross Section Sheet for more information.



BORING LOGS

ILLINOIS DEPARTMENT OF TRANSPORTATION District Two Materials Rockvale Twp. - S.E. 1/4 Sec. 33 - T24N, R10E		Units English Bridge Foundation Boring Log							
PROJECT P92-064-86 BRIDGE Retaining Wall -		Sh. 1 of 1 Date 09/18/95							
ROUTE FA 742 Byron to Oregon		Bored By G. Stern							
SEC. 37 RS-3 STA. 1842 + 47.96		Checked By T. Bratt							
COUNTY Ogle	D E P T H	N	Qu t/sf	W %	Surf Wat El. Grndwater El. at Compl 670.3 At Hrs	D E P T H	N	Qu t/sf	W %
Boring No. B-1 Sta 613+39 O/S 17' RE CL	T H					T H			
Ground Surface 681.3									
Pavement/Clay Gravel			11		MEDIUM tan/gray SAND & GRAVEL			6	
								7	
SOFT tan/brown SILTY LOAM			9	1.0	8	Same as above		-25	
			6	P				6	
			5					9	
								13	
Small Sample - Same as above			13		5	Same as above		6	
			12					8	
			14					9	
MEDIUM tan, coarse SAND			3			DENSE tan/gray SAND & GRAVEL		-30	
			9					15	
			14					20	
								24	
MEDIUM tan/brown SAND & GRAVEL			9			Same as above		8	
			10					17	
			14					25	
First Encounter MEDIUM tan/brown SAND & GRAVEL			12					-35	
			14						
			15						
Same as above			7			HARD tan/gray SAND & GRAVEL		20	
			5					20	
			6					37	
LOOSE gray SAND & GRAVEL			7			END OF BORING		-40	
			5						
			4						
LOOSE gray SAND & GRAVEL			4						
			3						
			5						
N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)								-45	

ILLINOIS DEPARTMENT OF TRANSPORTATION District Two Materials Rockvale Twp. - S.E. 1/4 Sec. 33 - T24N, R10E		Units English Bridge Foundation Boring Log							
PROJECT P92-064-86 BRIDGE Retaining Wall -		Sh. 1 of 1 Date 09/18/95							
ROUTE FA 742 Byron to Oregon		Bored By G. Stern							
SEC. 37 RS-3 STA. 1842 + 47.96		Checked By T. Bratt							
COUNTY Ogle	D E P T H	N	Qu t/sf	W %	Surf Wat El. Grndwater El. at Compl 670.3 At Hrs	D E P T H	N	Qu t/sf	W %
Boring No. B-2 Sta 614+39 O/S 13.5' RE CL	T H					T H			
Ground Surface 680.3									
Pavement/Clay Till/Gravel				14	MEDIUM tan SAND & GRAVEL			5	
								7	
								9	
SOFT brown SILT TILL			6	2.1	13	Same as above		-25	
			15	P					
			10						
MEDIUM dark brown SILTY CLAY TILL			9	1.9	12	DENSE tan SAND & GRAVEL		16	
			5	B				18	
			5					16	
MEDIUM dark brown dirty SILT TILL			4	1.5	13			-30	
			4	P					
			4						
LOOSE dark gray dirty SAND & GRAVEL			1			DENSE tan SAND & GRAVEL		13	
			2					16	
			4					19	
First Encounter Same as above			2					-35	
			1						
			4						
LOOSE tan SAND & GRAVEL			5			Same as above		21	
			4					22	
			4					23	
VERY LOOSE tan/gray SAND & GRAVEL			2			END OF BORING		-40	
			1						
			2						
N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)								-45	

BORING LOGS

Illinois Department of Transportation

Division of Highways
District 2, Champaign

SOIL BORING LOG

Page 1 of 1

Date 8/17/03

ROUTE FA 742 DESCRIPTION P92-064-R6 IL 2 culvert, 0.2 m. S. of Fuller Drive LOGGED BY C. Jenkins

SECTION 37 RS-3 LOCATION Rockvale Twp. - 33SE, SEC. 24N, R9E, 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.

Station

BORING NO.

Station 615+37

Offset 10.00R L4 CL

Ground Surface Elev. 99.4 ft

Asphalt

Coronets

MEDIUM brown SANDY LOAM

with GRAVEL

SOFT tan/brown SANDY LOAM

with GRAVEL

SOFT brown SILTY LOAM with

GRAVEL

LOOSE dirty brown SANDY

GRAVEL

LOOSE dirty tan SANDY GRAVEL

MEDIUM brown SANDY GRAVEL

LOOSE tan SANDY GRAVEL with

LIMESTONE fragments

LOOSE tan river SAND &

GRAVEL

End of Boring

DEPTH Feet	BL Feet	U Feet	M Feet	CO Feet
DESCRIPTION	TEST	TEST	TEST	TEST
99.40	3	0.5	P	
95.40	3	0.4	P	
92.40	3	0.4	S	
90.40	3			
87.40	3			
85.40	3			
82.40	3			
80.40	3			
78.40	3			
76.40	3			
74.40	3			
72.40	3			
70.40	3			
68.40	3			
66.40	3			
64.40	3			
62.40	3			
60.40	3			
58.40	3			
56.40	3			
54.40	3			
52.40	3			
50.40	3			
48.40	3			
46.40	3			
44.40	3			
42.40	3			
40.40	3			
38.40	3			
36.40	3			
34.40	3			
32.40	3			
30.40	3			
28.40	3			
26.40	3			
24.40	3			
22.40	3			
20.40	3			
18.40	3			
16.40	3			
14.40	3			
12.40	3			
10.40	3			
8.40	3			
6.40	3			
4.40	3			
2.40	3			
0.40	3			

Surface Water Elev.	None	ft	D	B	U	M
Stream Bed Elev.	93.5	ft	E	L	C	O
Groundwater Elev.:			P	O	S	I
First Encounter	87.9	ft	T	W	S	S
Upon Completion	Wash	ft	H	S	Qu	T
After	Hrs.		ft	(ft)	(ft)	(%)
MEDIUM tan river SAND & GRAVEL						
Same as above						
Same as above						
Begin Wash						
Same as above						
DENSE tan SANDY GRAVEL						
Wash						
MEDIUM tan SANDY GRAVEL						
End of Boring						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

[illegible]

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\PI\DOT\CUSHMANBW\dns34123.dgn	64861ogs.dgn	DRAWN -	REVISED -			742	37R-3	OGLE	345	205
PLOT SCALE = 1980.0040 in / IN.	CHECKED -	REVISED -	CONTRACT NO. 84788							
PLOT DATE = Fri May 01 08:36:52 2009	DATE -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BORING LOGS

[illegible][illegible]

BORING LOGS

ILLINOIS DEPARTMENT OF TRANSPORTATION										Units Metric			
District Two Materials										Bridge Foundation			
Rockvale Twp. - SE 1/4 Sec. 33 - T24N, R10E										Boring Log			
PROJECT BRIDGE Culvert 1.77 km Date 07/02/96 Sh. 1 of 1													
ROUTE FA 742 (IL 2) North of IL 64 North edge of Oregon Bored By C. Jenkins													
SEC. 37R-3 STA. 1854 + 25 Checked By T. Bratt													
COUNTY Ogle													
Boring No. B-2													
Sta 626+40													
O/S 3.35m Lt CL													
Ground Surface 100.03 0m													
Concrete, Asphalt													
VERY SOFT tan													
SANDY LOAM													
MEDIUM tan SILTY													
LOAM TILL													
VERY SOFT brown SILTY													
LOAM with GRAVEL													
MEDIUM tan river													
SAND & GRAVEL													
Streambed Elev. -97.32													
MEDIUM tan river SAND													
& GRAVEL													
First Encounter V													
MEDIUM tan SAND &													
GRAVEL													
Begin Wash													
MEDIUM tan river													
SAND & GRAVEL													
Same as above													
Same as above													
Same as above													
N-Std Penetr Test: 5cm OD Sampler,													
63.5kg Hammer, 76cm Fall (Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)													

ILLINOIS DEPARTMENT OF TRANSPORTATION										Units Metric			
District Two Materials										Bridge Foundation			
Rockvale Twp. - SE 1/4 Sec. 33 - T24N, R10E										Boring Log			
PROJECT BRIDGE Culvert 1.77 km Date 07/02/96 Sh. 1 of 1													
ROUTE FA 742 (IL 2) North of IL 64 North edge of Oregon Bored By C. Jenkins													
SEC. 37R-3 STA. 1854 + 25 Checked By T. Bratt													
COUNTY Ogle													
Boring No. B-1													
Sta 626+89													
O/S 3.35m Rt CL													
Ground Surface 100.00 0m													
Concrete, Asphalt													
VERY SOFT brown													
SILTY CLAY													
MEDIUM brown/tan													
SILTY CLAY													
VERY DENSE tan river													
SAND & GRAVEL with													
LIMESTONE fragments													
DENSE river SAND &													
GRAVEL													
Streambed Elev. -97.32													
MEDIUM tan river SAND													
& GRAVEL													
First Encounter V													
Same as above													
Same as above													
Same as above													
MEDIUM tan river SAND													
& GRAVEL													
DENSE tan river SAND													
& GRAVEL													
next column													
N-Std Penetr Test: 5cm OD Sampler,													
63.5kg Hammer, 76cm Fall (Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)													

BORING LOGS

Illinois Department
of Transportation

Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

Date 3/6/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon across from Cartwright Lane LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	BORING NO.	Station	Offset	Ground Surface Elev.	(ft)	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	D E P T H	B L O W S	U C S	M O I S T
						(ft)	(/6")	(tsf)	(%)								(ft)	(/6")	(tsf)	(%)
	B-8b	634+00	23.00ft Lt CL	681.80	ft															

MEDIUM brown SILTY CLAY LOAM								0.8	16.0	MEDIUM tan clean medium coarse SAND							12			
								P									15			
																	14			
STIFF brown SANDY LOAM								3												
								6	1.5	11.0										
								6	P											
MEDIUM brown SAND								4				Wash					8			
								5				DENSE tan SANDY GRAVEL					19			
								7									15			
DENSE tan clean medium coarse SAND								7				MEDIUM tan SANDY GRAVEL					10			
								11									10			
								20									16			
DENSE tan SANDY GRAVEL								11				Wash					8			
								22				MEDIUM tan clean medium coarse SAND					12			
								16									8			
MEDIUM tan clean medium coarse SAND								6				MEDIUM tan clean medium coarse SAND					10			
								9									13			
								13									14			
Wash								7				Wash					10			
MEDIUM tan clean medium coarse SAND								6				MEDIUM tan clean medium coarse SAND					15			
								9									14			

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation

Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2

Date 3/6/08

P92-064-86 IL 2 retaining wall, N. of Oregon
across from Cartwright Lane

ROUTE FA 742 DESCRIPTION across from Cartwright Lane LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. _____
Station _____

BORING NO. B-8b
Station 634+00
Offset 23.00ft Lt CL
Ground Surface Elev. 681.80 ft

D E P T H	B L O W S	U C S	M O I S T
(ft)	(/6")	(tsf)	(%)

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 671.8 ft ▼
Upon Completion Wash ft
After _____ Hrs. _____ ft

Wash
MEDIUM tan clean medium
coarse SAND with medium
GRAVEL

640.30

637.80

7			
8			
10			

Wash
MEDIUM tan clean medium
coarse SAND

635.30

14			
15			
13			

632.80

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Wash
DENSE tan clean medium coarse
SAND with medium GRAVEL

630.30

14			
17			
16			

End of Boring

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-55

-60

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
er\pwwork\PWIDOT\CUSHMANBW\dms34123.dgn	64861ogs.dgn	DRAWN -	REVISED -			742	37R-3	OGLE	345	208	
PLOT SCALE = 1/80,000 IN / IN.	CHECKED -	REVISED -				CONTRACT NO. 84788					
PLOT DATE = Fri May 01 08:36:53 2009	DATE -	REVISED -				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

BORING LOGS

[illegible]

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation

Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2

Date 2/28/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon
across from Cartwright Lane LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 23N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. _____
Station _____

BORING NO. B-4b
Station 634+00
Offset 24.00ft Lt CL
Ground Surface Elev. 681.80 ft

D E P T H	B L O W S	U C S	M O I S T
(ft)	(/6")	(tsf)	(%)

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 669.8 ft ▼
Upon Completion Wash ft
After _____ Hrs. _____ ft

Wash
MEDIUM tan clean medium
coarse SAND with medium
GRAVEL (continued) 640.80

7
8

638.30

Wash
DENSE tan clean medium coarse
SAND with medium GRAVEL 635.80

16
21
18

633.30

DENSE tan clean medium coarse
SAND with medium GRAVEL 630.80

15
19
18

End of Boring

630.80

-55

-60

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206).

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.		
er\pw\work\PWIDOT\CUSHMANBW\dms34123\dms34123.dgn	6486logs.dgn	DRAWN -	REVISED -			742	37R-3	OGLE	345	209	
PLOT SCALE = 1/800.0040 in / IN.	CHECKED -	REVISED -				CONTRACT NO. 84788					
PLOT DATE = Fri May 01 08:36:54 2009	DATE -	REVISED -				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

BORING LOGS

Illinois Department of Transportation

Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

Date 3/4/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon across from Cartwright Lane LOGGED BY Be. Wetzell

SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 23N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. _____
Station _____

BORING NO. B-5b
Station 635+00
Offset 25.00ft Rt CL
Ground Surface Elev. 682.20 ft

D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
		1.2 P	21.0
679.70	6		
	5	1.7 P	12.0
678.20	4		
	-5		
	2		
	4	1.1 P	23.0
	5		
675.20			
	7		
	12		
673.20	16		
	-10		
	9		
	10		
670.70	12		
	4		
	7		
668.20	12		
	-15		
	7		
	9		
665.70	6		
	5		
	7		
663.20	7		
	-20		

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 672.2 ft ▼
Upon Completion wash ft
After _____ Hrs. _____ ft

D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
	7		
	9		
660.70	11		
	11		
	7		
658.20	9		
	-25		
	12		
	13		
655.70	10		
	10		
	12		
653.20	15		
	-30		
	10		
	12		
650.70	16		
	8		
	9		
648.20	11		
	-35		
	13		
	15		
645.70	15		
	13		
	10		
643.20	9		
	-40		

STIFF brown SILTY LOAM

STIFF brown SANDY LOAM

STIFF tan SILT

MEDIUM tan medium SAND with GRAVEL

MEDIUM tan medium SAND & GRAVEL

MEDIUM tan fine SAND with GRAVEL

MEDIUM tan SANDY GRAVEL

MEDIUM tan SANDY GRAVEL

Wash
MEDIUM tan SANDY GRAVEL

MEDIUM tan SANDY GRAVEL

Wash
MEDIUM tan SANDY GRAVEL

Wash
MEDIUM tan fine SAND with GRAVEL

Wash
MEDIUM tan SANDY GRAVEL

Wash
MEDIUM tan SANDY GRAVEL

Wash
MEDIUM tan SANDY GRAVEL

MEDIUM tan SANDY GRAVEL

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department
of Transportation

Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2

Date 3/4/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon across from Cartwright Lane LOGGED BY Be. Wetzell

SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 23N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.
Station

BORING NO. B-5b
Station 635+00
Offset 25.00ft Rt CL
Ground Surface Elev. 682.20 ft

D E P T H	B L O W S	U C S	M O I S T
H	S	Qu	T
(ft)	(1/6")	(tsf)	(%)

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 672.2 ft
Upon Completion wash ft
After Hrs. ft

Wash	9		
MEDIUM tan SANDY GRAVEL	8		
640.70	10		
Wash	7		
MEDIUM tan SANDY GRAVEL	10		
638.20	14		
Wash	-45		
DENSE tan SANDY GRAVEL	20		
635.70	23		
	19		
Wash	14		
MEDIUM tan SANDY GRAVEL	14		
633.20	16		
Wash	-50		
DENSE tan SANDY GRAVEL	16		
630.70	20		
	22		
End of Boring			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\FWIDOT\CUSHMANBW\dms34123\dwg\64861logs.dgn	DRAWN -	REVISED -	742						37R-3	OGLE	345	210	
PLOT SCALE = 1980.0040 in / IN.	CHECKED -	REVISED -	CONTRACT NO. 84788										
PLOT DATE = Fri May 01 08:36:54 2009	DATE -	REVISED -	SCALE:						SHEET NO.	OF	SHEETS	STA.	TO STA.

BORING LOGS

[illegible]

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

[illegible]

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										BORING LOGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs:\pw_work\PWD\0T\CUSHMANBW\dms34123\dms34123.dgn		DRAWN -	REVISED -											742	37R-3	OGLE	345	211				
PLOT SCALE = 1980.0040 in / IN.		CHECKED -	REVISED -															CONTRACT NO. 84788				
PLOT DATE = Fri May 01 08:36:55 2009		DATE -	REVISED -																			
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT										

BORING LOGS

 **Illinois Department of Transportation**
Division of Highways
District 2, Dixon

SOIL BORING LOG Page 1 of 1

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 box culvert, 100' N. of Cartwright Lane Date 6/19/03
SECTION 37 RS-3 LOCATION Rockvale Twp. - 33SE, SEC. 1, TWP. 24N, RNG. 10E LOGGED BY C. Jenkins
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____
BORING NO. B-1b
Station 635+65
Offset 34.00R LL CL
Ground Surface Elev. 94.9 ft

	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	TEST
MEDIUM tan SAND & GRAVEL	93.40	8			
MEDIUM tan SAND & GRAVEL	91.00	10			
DENSE tan SANDY GRAVEL	89.40	18			
Same as above	86.90	12			
DENSE tan weathered LIMESTONE	84.40	17			
Same as above	81.90	20			
MEDIUM tan SAND & GRAVEL	79.40	8			
MEDIUM tan SANDY GRAVEL	76.90	11			
End of Boring	74.40				

Surface Water Elev. 92.3 ft
Stream Bed Elev. 92.2 ft
Groundwater Elev.:
First Encounter 85.9 ft
Upon Completion 83.4 ft
After _____ Hrs. _____ ft

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

 **Illinois Department of Transportation**
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG Page 1 of 2

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon across from Cartwright Lane Date 2/27/08
SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. 1, TWP. 24N, RNG. 10E LOGGED BY W. Garza
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. _____
Station _____
BORING NO. B-2b
Station 636+00
Offset 26.00ft Rt CL
Ground Surface Elev. 683.30 ft

	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	TEST
MEDIUM brown SILTY CLAY LOAM	661.30	0.5	17.0		
MEDIUM tan LOAM	679.80	13		13.0	
STIFF brown SANDY LOAM	676.80	3	1.5	14.0	
MEDIUM/DENSE tan dry clean medium coarse SAND	674.80	15			
DENSE tan clean medium coarse SAND	672.30	19			
MEDIUM tan clean medium coarse SAND	669.80	12			
MEDIUM tan clean medium coarse SAND with medium GRAVEL	667.30	9			
	664.80	6			

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 671.3 ft
Upon Completion Wash ft
After _____ Hrs. _____ ft

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = cushmanbw	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\FWIDOT\CUSHMANBW\des34123\des34123.dgn		DRAWN =	REVISED =			742	37R-3	OGLE	345	212
PLOT SCALE = 1/800,000 in / in.		CHECKED =	REVISED =			CONTRACT NO. 84788				
PLOT DATE = Fri May 01 08:36:55 2009		DATE =	REVISED =			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BORING LOGS

[illegible]

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation

Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

Date 3/4/08

P92-064-86 IL 2 retaining wall, N. of Oregon
across from Cartwright Lane

ROUTE FA 742 DESCRIPTION OREGON TWP. - 3 NW, SEC. 10, TWP. 24N, RANG. 10E LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION OREGON TWP. - 3 NW, SEC. 10, TWP. 24N, RANG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H ft	B L O W S Qu tsf	U C S Qu tsf	M O I S T %	Surface Water Elev. ft	D E P T H ft	B L O W S Qu tsf	U C S Qu tsf	M O I S T %
BORING NO. <u>B-6b</u> Station <u>636+36</u> Offset <u>53.00ft Rt CL</u> Ground Surface Elev. <u>681.30</u> ft					Stream Bed Elev. ft				
					Groundwater Elev.: First Encounter <u>671.8</u> ft <u>▼</u> Upon Completion <u>Wash</u> ft After <u> </u> Hrs. ft				
MEDIUM brown SILTY CLAY LOAM			0.5 P	31.0	MEDIUM tan clean medium coarse SAND (continued)	660.30	6	5	
	679.30	4							
STIFF brown SILTY CLAY LOAM		5	1.3 P	22.0	MEDIUM/DENSE tan clean medium coarse SAND with medium GRAVEL	657.80	20	15	
	677.80	5					15		
LOOSE brown dry dirty SAND		3			MEDIUM tan clean medium coarse SAND	655.30	13	15	
	675.30	4					8		
		5							
MEDIUM tan clean medium coarse SAND		5			MEDIUM tan clean medium coarse SAND with medium GRAVEL	652.80	10	11	
	672.80	8					13		
		12							
MEDIUM tan clean medium coarse SAND		6			MEDIUM tan clean medium coarse SAND	650.30	7	8	
	670.30	7					12		
		9							
MEDIUM tan clean medium coarse SAND		5			Same as above	647.80	5	7	
	667.80	6					9		
		17							
Same as above		11			Same as above	645.30	10	10	
	665.30	17					15		
		12							
Wash MEDIUM tan clean medium coarse SAND		6			Wash DENSE tan clean medium coarse SAND with medium GRAVEL	642.80	10	17	
	662.80	9					18		
		10							
		9					6		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwr_work\PWIDOT\CUSHMANBW\dms34123\dms34123.dgn	6486logs.dgn	DRAWN -	REVISED -			742	37R-3	OGLE	345	213	
	PLOT SCALE = 1980.0040 in / IN.	CHECKED -	REVISED -			CONTRACT NO. 84788					
	PLOT DATE = Fri May 01 08:36:56 2009	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

BORING LOGS



Illinois Department of Transportation

Division of Highways

Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2

ROUTEFA 742DESCRIPTIONP92-064-86 IL 2 retaining wall, N. of Oregon across from Cartwright LaneLOGGED BYW. Garza

SECTION37 RS-3LOCATIONOregon Twp. - 3 NW, SEC. , TWP. 24N, RNG. 10E

COUNTYOgleDRILLING METHODHollow Stem AugerHAMMER TYPECME-45 Automatic

STRUCT. NO.
Station

BORING NO.
Station
Offset
Ground Surface Elev.

D
E
P
T
H

ft
(ft)

B
L
O
W
S

(/6")

U
C
S

(tsf)

M
O
I
S
T

(%)

Surface Water Elev.
Stream Bed Elev.

Groundwater Elev.:
First Encounter
Upon Completion
After Hrs.

ft
ft

ft
ft
ft
ft

Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL (continued)	640.30	11	15				
Wash DENSE tan SANDY GRAVEL	637.80	9	16				
Wash DENSE tan SANDY GRAVEL	635.30	-45	8	13			19
DENSE tan SANDY GRAVEL	632.80		17	21			18
Wash DENSE tan clean medium coarse SAND	630.30	-50	18	21			25
End of Boring							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation

Division of Highways

Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

ROUTEFA 742DESCRIPTIONP92-064-86 IL 2 retaining wall, N. of Oregon Across from Cartwright LaneLOGGED BYW. Garza

SECTION37 RS-3LOCATIONOregon Twp. - 3 NW, SEC. , TWP. 23N, RNG. 10E

COUNTYOgleDRILLING METHODHollow Stem AugerHAMMER TYPECME-45 Automatic

STRUCT. NO.
Station

BORING NO.
Station
Offset
Ground Surface Elev.

D
E
P
T
H

ft
(ft)

B
L
O
W
S

(/6")

U
C
S

(tsf)

M
O
I
S
T

(%)

Surface Water Elev.
Stream Bed Elev.

Groundwater Elev.:
First Encounter
Upon Completion
After Hrs.

ft
ft

ft
ft
ft
ft

6 - 8" Concrete pavement beneath shoulder stone.				0.3	15.0		
SOFT dry brown LOAM	682.30						
VERY STIFF brown SILTY CLAY LOAM	680.80	4	5	2.9	20.0		
VERY STIFF brown SANDY LOAM with SAND lens	677.80	-5	3	2	2.5	18.0	
MEDIUM brown dry clean medium coarse SAND	675.80		4	5			
DENSE tan dry clean medium coarse SAND	673.30	-10	15	15			
DENSE tan clean medium coarse SAND	670.80		8	14			
DENSE tan clean medium coarse SAND	668.30	-15	14	26			
Wash MEDIUM tan SANDY GRAVEL	665.80		7	6			
MEDIUM tan SANDY GRAVEL			8				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2

Date 2/25/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon Across from Cartwright Lane LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 23N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Wash
Station	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft	ft
BORING NO. B-1b											
Station 637+00											
Offset 26.00ft Rt CL											
Ground Surface Elev. 684.30											
Wash		9									
MEDIUM tan clean medium coarse SAND (continued)	643.30	12									
End of Boring											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

Date 3/4/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon across from Cartwright Lane LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 24N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Wash
Station	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft	ft
BORING NO. B-7b											
Station 637+00											
Offset 70.00ft Rt CL											
Ground Surface Elev. 682.30											
MEDIUM brown SILTY CLAY LOAM			0.6 P	18.0							
VERY STIFF brown SANDY LOAM	680.30	2	6 P	12.0							
LOOSE brown dirty SAND		3									
	676.30	4									
MEDIUM tan clean medium coarse SAND		8									
	673.80	9									
DENSE tan clean medium coarse SAND		12									
	671.30	17									
MEDIUM tan clean medium coarse SAND		8									
	668.80	10									
MEDIUM tan clean medium coarse SAND with medium GRAVEL		14									
	666.30	14									
MEDIUM tan clean medium coarse SAND		14									
	663.80	6									
MEDIUM tan SANDY GRAVEL		8									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

BORING LOGS

[illegible]

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

ILLINOIS DEPARTMENT OF TRANSPORTATION				Units Metric			
District Two Materials				Bridge Foundation			
Rockvale Twp. - SE 1/4 Sec. 33 - T24N, R10E				Boring Log			
PROJECT _____				BRIDGE <u>IL 2 over ditch</u>		Date <u>Sh. 1 of 1</u> <u>06/27/96</u>	
ROUTE <u>PA 742 (IL 2)</u>				2.41 km North of IL 64 in Oregon (by Silo)		Bored By <u>J. Robertson</u>	
SEC. <u>37RS-3</u>				STA. <u>1881 + 92</u>		Checked By <u>T. Bratt</u>	
COUNTY <u>Ogle</u>				Surf Wat. El. <u>98.66</u>		D E P T H	
Boring No. <u>B-1</u>				Grndwater El. _____		N Qu kPa W %	
Sta <u>654+22</u>				at Compl <u>92.04</u>			
O/S <u>6.09 m Ltr CL</u>				At _____ Hrs _____			
Ground Surface <u>100.12 0m</u>							
SOFT black/brown SILT LOAM				19	23	DENSE tan weathered LIMESTONE	-7 21 22 26
MEDIUM tan SILTY CLAY LOAM				3	77 22	DENSE Same as above	27 19 15
STIFF Same as above				4	153 25	DENSE river SAND & GRAVEL with LIMESTONE fragments	18 18 21
Streambed Elev. -98.63				5		END OF BORING	-8
T T Same as above				2	38 30		
VERY SOFT tan SILT CLAY with SAND lens				2	00 30		
LOOSE tan fine to coarse SAND				1			
VERY DENSE tan weathered LIMESTONE				16			
VERY DENSE Same as above with tan SAND lens				24			
DENSE tan weathered LIMESTONE				26			
First Encounter V				19			
				23			
				27			
				13			
				18			
				25			

N-Std Pentr Test: 5cm OD Sampler, 63.5Kg Hammer, 76cm Fall (Fall. B-Bulge S-Shear E-Estimated P-Penetrometer)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P.	SECTION	COUNTY	TOTAL	SHEET	
02\pwwork\PIWIDOT\CUSHMANBW\dms34123\dms34123.dgn	64861logs.dgn	DRAWN -	REVISED -			742	37R-3	OGLE	345	216	
	PLOT SCALE = 1980.0048 in / IN.	CHECKED -	REVISED -			CONTRACT NO. 84788					
	PLOT DATE = Fri May 01 08:36:57 2009	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

BORING LOGS

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials
Rockvale Twp. - SE 1/4 Sec. 33 - T24N, R10E

Units Metric
Bridge Foundation
Boring Log

Sh. 1 of 1
Date 06/27/96

PROJECT BRIDGE IL 2 over ditch
2.41 km North of IL 64
in Oregon (by Silo)

Date 06/27/96

Bored By J. Robertson

SEC. 37RS-3

STA. 1881 + 92

Checked By T. Bratt

COUNTY Ogle

D
E
P
T
H

N

Qu
kPa

W
%

Surf Wat El. 98.66
Grndwater El.
at Compl 91.80
At Hrs

D
E
P
T
H

N

Qu
kPa

W
%

Boring No. B-2
Sta 654+46
O/S 9.21 m Rte Cl.

Ground Surface 99.21 0m

SOFT tan SILTY CLAY
LOAM

48 24
P

DENSE yellow
weathered LIMESTONE

21
22
20

Streambed Elev. -98.63
STIFF Same as above

1 5 115 25
5 B
5

DENSE SAND & GRAVEL
with LIMESTONE
fragments

35
23
18

SOFT Same as above

1 38 29
3 B
2

DENSE Same as above

16
17
23

VERY SOFT Same as
above with SAND lens

3 19 30
2 B
4

END OF BORING

9

VERY LOOSE brown fine
SAND

0
1
2

SOFT tan SILTY CLAY

2 38 26
4 B
4

MEDIUM river SAND &
GRAVEL with LIMESTONE
fragments

11
11
14

VERY DENSE river SAND
& GRAVEL with
LIMESTONE fragments

11
30
30

First Encounter V
DENSE yellow
athered LIMESTONE

17
21
23

N-Std Pentr Test: 5cm OB Sampler,
63.5Kg Hammer, 76cm Fall (Fall. B-Bulge S-Shear E-Estimated P-Penetrometer)



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 3/5/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, south of
Stronghold Entrance LOGGED BY Be. Wetzell

SECTION 37 RS-3 LOCATION Rockvale Twp. - 33 NE, SEC. , TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Dledrich Automatic

STRUCT. NO.	D E P T H	B L O C K	U C S	M O I S T	Surface Water Elev.	D E P T H	B L O C K	U C S	M O I S T
Station	H S	W S	Q u	T	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. B-4a					Groundwater Elev.:				
Station 672+75					First Encounter				
Offset					Upon Completion				
Ground Surface Elev. 687.00					After Hrs.				
MEDIUM brown SILTY CLAY			1.0 P	20.0	Wash				
					SOFT brown SILTY LOAM with SAND lenses				
					665.50				
					End of Boring				
MEDIUM brown SILTY CLAY			3						
			4	0.6					
			4	B					
MEDIUM brown SILTY CLAY			1						
			2	0.6					
			3	B					
SOFT brown SILTY CLAY LOAM			0						
			1	0.4					
			2	B					
LOOSE brown fine SAND			1						
			3						
			4						
MEDIUM tan fine SAND			3						
			7						
			9						
MEDIUM tan fine SAND			3						
			6						
			7						
MEDIUM brown SILTY LOAM			3						
			4	0.6					
			7	B					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
or\pwork\PMIDOT\CUSHMANBW\dms34123\dms34123logs.dgn		DRAWN -	REVISED -			742	37R-3	OGLE	345	217			
		CHECKED -	REVISED -			CONTRACT NO. 84788							
		DATE -	REVISED -										
PLOT SCALE = 1988.8048 in / IN.						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE = Fri May 01 08:36:58 2009													

BORING LOGS

[illegible]

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

[illegible]

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs:\pw\work\PWIDOT\CUSHMANBW\dms34123\dwg\64861.dgn	DRAWN -	REVISED -	REVISED -						742	37R-3	OGLE	345	218
	PLOT SCALE = 1/8" = 1' 00' 00" IN.	CHECKED -	REVISED -		CONTRACT NO. 84788								
	PLOT DATE = Fri May 01 08:36:58 2009	DATE -	REVISED -										
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT

BORING LOGS



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 3/5/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, south of Stronghold Entrance LOGGED BY Be. Wetzell

SECTION 37 RS-3 LOCATION Rockvale Twp. - 33 NE, SEC. , TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	Stream Bed Elev.	E	L	C	O
	P	O	S	I		P	O	S	I
BORING NO.	T	W	S	S	Groundwater Elev.:	H	S	Qu	T
Station	H	S	Qu	T	First Encounter				
Offset					Upon Completion	670.5	ft	▼	
Ground Surface Elev.					After Hrs.	666.5	ft	▼	
MEDIUM brown SILTY CLAY	(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)
			0.7	24.0	STIFF brown SILTY LOAM		4		
			P			5	1.2	20.0	
					664.00	9	B		
MEDIUM brown SILTY CLAY	683.00	4			VERY MOIST VERY SOFT brown SILTY LOAM		3		
		4	1.0	24.0		3	0.2	24.0	
	681.50	6	P			5	P		
					661.00				
SOFT brown SILTY CLAY LOAM	-5	1			VERY MOIST white fine SAND	-25	0		
		3	0.4	29.0		0			
	679.00	3	B			0			
					659.00				
MOIST SOFT brown SILTY CLAY LOAM		1			VERY DENSE white fine SAND		13		
		1	0.4	26.0		60			
	676.50	2	P		End of Boring	40			
VERY MOIST VERY SOFT brown SILTY CLAY LOAM	-10	0				-30			
		0	0.1	27.0					
	674.00	1	P						
STIFF gray CLAY LOAM		2							
		4	1.2	31.0					
	671.50	6	B						
VERY SOFT brown SILTY LOAM	▼-15	2				-35			
		4	0.4	19.0					
	669.00	6	B						
STIFF brown SILTY LOAM		1							
		3	1.2	21.0					
	666.50	8	B						
	-20					-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 3/5/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, south of Stronghold Entrance LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 33 NE, SEC. , TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	Stream Bed Elev.	E	L	C	O
	P	O	S	I		P	O	S	I
BORING NO.	T	W	S	S	Groundwater Elev.:	H	S	Qu	T
Station	H	S	Qu	T	First Encounter				
Offset					Upon Completion	667.6	ft	▼	
Ground Surface Elev.					After Hrs.	Wash	ft		
SOFT brown LOAM	(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)
			0.3	15.0	Wash				
			P		VERY DENSE rusty yellow fine SAND, St. Peter's SANDSTONE (continued)	663.60			
MEDIUM brown SILTY CLAY LOAM	682.60	2			Hard Drilling				
		3	0.5	26.0					
	681.10	4	P			661.10			
SOFT brown SILTY LOAM	-5	1			Wash	-25	100/1"		
		1	0.3	26.0	VERY DENSE rusty yellow fine SAND				
	678.60	3	B		End of Boring	658.60			
SOFT brown SILTY LOAM		0							
		1	0.4	26.0					
	676.10	2	B						
SOFT brown SILTY LOAM	-10	0				-30			
		1	0.3	26.0					
		2	B						
	673.10								
MEDIUM cream white moist fine SAND		2							
		5							
	671.10	21							
VERY DENSE rusty yellow fine SAND	-15	27				-35			
		100/10"							
	668.60								
VERY DENSE rusty yellow fine SAND	▼	100/5"							
	666.10								
	-20	100/1"				-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\PWIDOT\CUSHMANBW\dms34123\dwg\64861logs.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	OGLE	345	219
		CHECKED -	REVISED -								CONTRACT NO. 84788		
		DATE -	REVISED -								FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 3/7/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, south of Stronghold Entrance LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Rockvale Twp. - 33 NE, SEC. , TWP. 24N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	ft
Station					Stream Bed Elev.	ft
BORING NO. B-7a					Groundwater Elev.:	
Station 674+50			Qu	T	First Encounter	ft
Offset 52.00ft Rt CL					Upon Completion	ft
Ground Surface Elev. 676.40	ft	(ft)	(/6")	(tsf)	After Hrs.	ft
MEDIUM dark brown SILTY CLAY LOAM			0.5 P	29.0		
673.90		1				
MEDIUM brown SILTY CLAY LOAM			0.9 P	25.0		
672.40		3 5				
VERY STIFF brown SILTY CLAY LOAM			2.1 B	27.0		
669.40		3 7				
VERY LOOSE/LOOSE brown dirty SAND						
667.40		1 2 2				
DENSE white fine SAND, St. Peter						
664.90		1 2 29				
VERY DENSE rusty yellow fine SAND						
662.40		100/5"				
VERY DENSE rusty yellow fine SAND						
659.90		100/2"				
End of Boring						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 3/5/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, just south of Stronghold Entrance LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Rockvale Twp. 33 NE, SEC. , TWP. 24N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	ft
Station					Stream Bed Elev.	ft
BORING NO. B-1a					Groundwater Elev.:	
Station 675+12			Qu	T	First Encounter	ft
Offset 12.00ft Lt					Upon Completion	ft
Ground Surface Elev. 683.40	ft	(ft)	(/6")	(tsf)	After Hrs.	ft
MEDIUM brown SILTY CLAY LOAM			0.8 P	15.0	Wash	
681.40					VERY DENSE rust St. Peter SANDSTONE	662.40
MEDIUM brown SILTY CLAY LOAM			0.8 P	23.0	Hard Drilling (continued)	
679.90						659.90
MEDIUM brown SILTY CLAY LOAM			0.8 B	25.0	VERY DENSE rust St. Peter SANDSTONE	
677.40		4 3 4				657.40
VERY SOFT light brown SILTY LOAM					End of Boring	
674.90		1 2 3				
VERY SOFT light brown SILTY LOAM						
671.90		0 0 1				
DENSE rust SANDSTONE or fine SAND						
669.40		3 12 23				
Augers easily VERY DENSE rust SANDSTONE or fine SAND						
667.40		33 100/7"				
becomes tenacious VERY DENSE rust fine SAND						
664.90		100/3.5"				
		100/1"				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

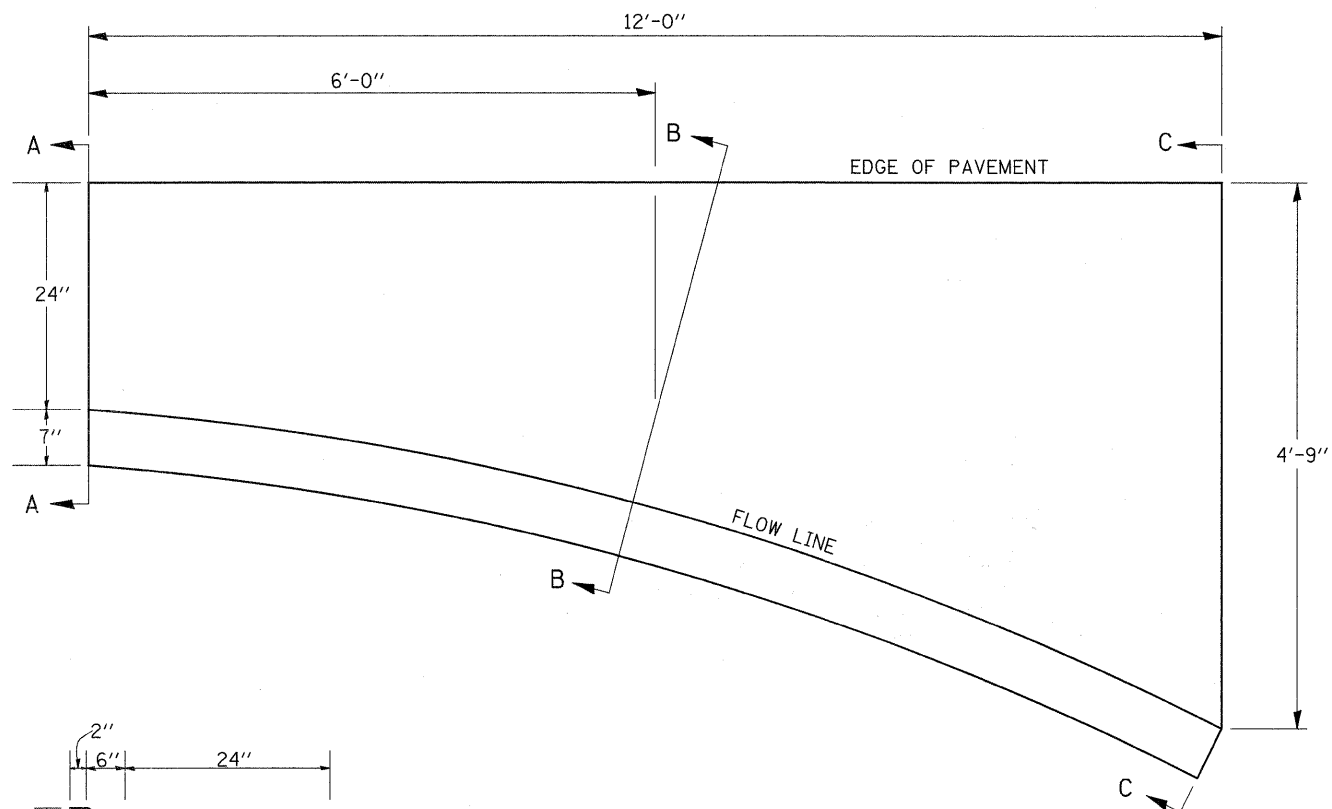
BBS, from 137 (Rev. 8-99)

BORING LOGS

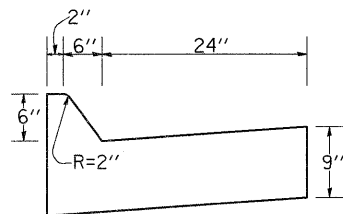
ILLINOIS DEPARTMENT OF TRANSPORTATION										Units Metric			
District Two Materials										Bridge Foundation			
Rockvale Twp. - NE 1/4 Sec. 33 - T24N, R10E										Boring Log			
P. JECT BRIDGE IL 2 over ditch										Sh. 1 of 1			
3.22 km North of IL 64										Date 07/01/96			
ROUTE FA 742 (IL 2)										North of Oregon			
SEC. 37RS-3										STA. 1905 + 60			
COUNTY Ogle										Checked By T. Bratt			
Boring No. B-2													
Sta 67+74													
O/S 7.92 m Lt. CL													
Surf Wat El. 98.60													
Grndwater El. at Compl Wash													
At Hrs													
D E P T H										N Qu kPa W %			
Ground Surface 98.93 0m													
VERY SOFT brown										00 21			
SILTY CLAY										P 12			
Streambed Elev. -98.55										2 67 25			
MEDIUM Same as above										3 P 13			
										3 14			
										3 18			
MEDIUM Same as above										3 77 25			
										4 B 16			
										6 16			
										6 18			
SOFT Same as above										3 38 29			
										3 B 23			
										3 26			
										3 32			
First Encounter V													
VERY SOFT brown										2 00 23			
SANDY LOAM										2 P 16			
										2 21			
										2 21			
No sample										1			
										1			
										3 27			
										27			
										29			
LOOSE brown river										-11			
SAND & GRAVEL with													
LIMESTONE fragments										2 26			
										2 40			
										4 38			
VERY LOOSE Same as													
above										4			
										1			
										2			
LOOSE brown SAND										2			
										2			
										6			
MEDIUM Same as above										1			
N-Std Pentr Test: 5cm OD Sampler,													
63.5Kg Hammer, 76cm Fall (Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)													

ILLINOIS DEPARTMENT OF TRANSPORTATION										Units Metric			
District Two Materials										Bridge Foundation			
Rockvale Twp. - NE 1/4 Sec. 33 - T24N, R10E										Boring Log			
P. JECT BRIDGE IL 2 over ditch										Sh. 1 of 1			
3.22 km North of IL 64										Date 06/28/96			
ROUTE FA 742 (IL 2)										North of Oregon			
SEC. 37RS-3										STA. 1905 + 60			
COUNTY Ogle										Checked By T. Bratt			
Boring No. B-1													
Sta 67+21													
O/S 8.53 m Rt. CL													
Surf Wat El. 98.60													
Grndwater El. at Compl Wash													
At Hrs													
D E P T H										N Qu kPa W %			
Ground Surface 99.39 0m													
VERY SOFT brown										00 21			
SILTY CLAY LOAM										P 12			
MEDIUM brown river										4			
SAND & GRAVEL										6 13			
										5 14			
										5 18			
Streambed Elev. -98.55										0 4			
SOFT brown SILTY										3 38 25			
CLAY LOAM										3 B 16			
										5 16			
First Encounter V													
VERY SOFT brown										2 19 25			
SANDY CLAY										4 B 23			
										5 26			
										5 32			
VERY SOFT Same as										2 19 27			
above										1 B 16			
										3 21			
VERY SOFT Same as										1 00 40			
above										1 E 27			
										2			
VERY SOFT gray SILTY										1 00 31			
CLAY										4 P 26			
										1 40			
										1 38			
MEDIUM brown river										2			
SAND & GRAVEL										4			
										13			
Begin Wash													
LOOSE Same as above										6			
										2			
										6			
N-Std Pentr Test: 5cm OD Sampler,													
63.5Kg Hammer, 76cm Fall (Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)													

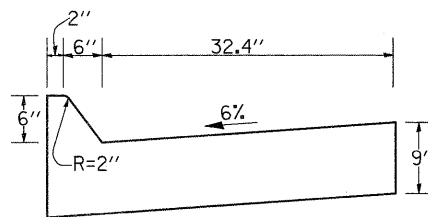
STANDARD INLET FOR CURB & GUTTER TYPE M-6.24



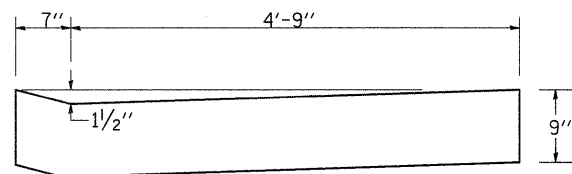
SECTION A-A



SECTION B-B



SECTION C-C



NOTES

Class SI Concrete shall be used throughout.

The Curb and Gutter inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLETS).

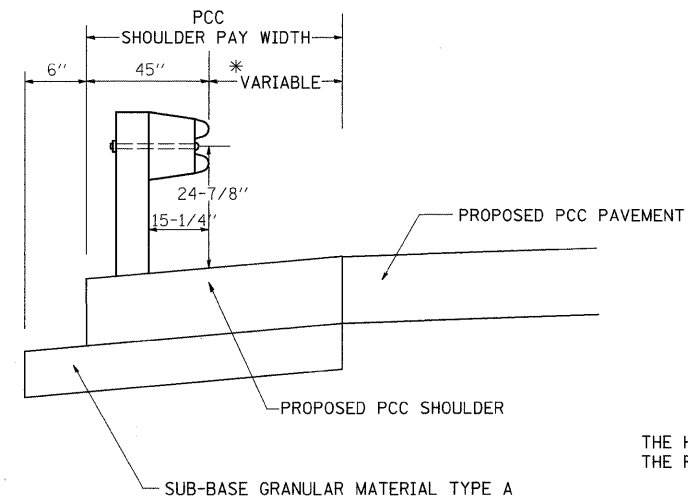
Joints shall be constructed in accordance with the requirements of Article 606.07 of the Standard Specifications.

When curb and gutter is constructed adjacent to flexible pavement, a 1" expansion joint shall be installed at construction joints.

- QUANTITY -

Section A-A to C-C
(1.23 Cu. Yds.)
Class SI Concrete

DETAIL OF SHOULDER AT GUARD RAIL



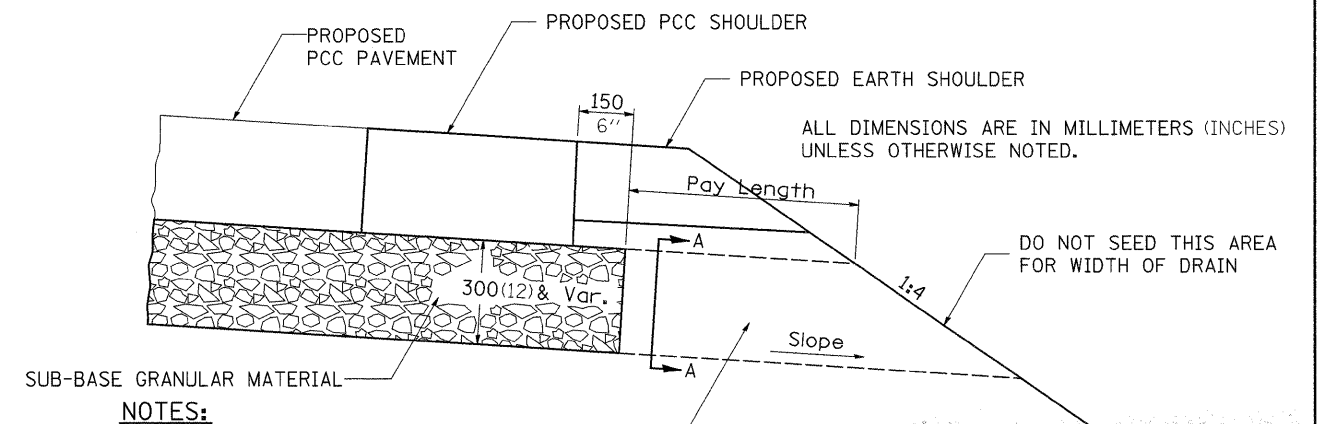
* STA. 604+50 - STA. 637+08	4'
STA. 676+59 - STA. 679+98.35	8'

GENERAL NOTES

THE HEIGHT OF THE GUARD RAIL SHALL BE SET 24 7/8 INCHES FROM THE FINISHED SURFACE.

DETAIL OF SHOULDER AT GUARD RAIL

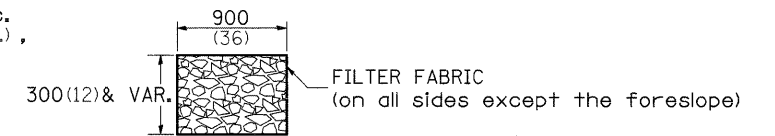
DRAIN FOR AGGREGATE BASE COURSE



NOTES:

The rock outlets shall be constructed using CA7 and will be paid for at the contract unit price per m² (SQ. YD.) for DRAIN FOR AGGREGATE BASE COURSE. The thickness shall be the same as the adjacent sub-base material as noted on the plans and shall include the cost of the filter fabric. The Rock outlets will be measured in m² (SQ. YD.), the width being 900 (36) by the length shown above. The cost of the CA6 or CA10 under the shoulder shall be included in the contract unit price per m² (SQ. YD.) for SUB-BASE GRANULAR MATERIAL, TYPE A of the thickness specified. The filter fabric to be used shall conform to the filter fabric used for Riprap.

ROCK OUTLET AT ALL LOW POINTS TO
BE 900 (36) WIDE AND EXTEND TO FORESLOPE



SECTION A-A

NOTE: Slope same as shoulder with 2% min.

REVISED -	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					742	3TR-3	OGLE	345	222
REVISED -					CONTRACT NO. 84788				
REVISED -	SCALE: 50.0000' / IN	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

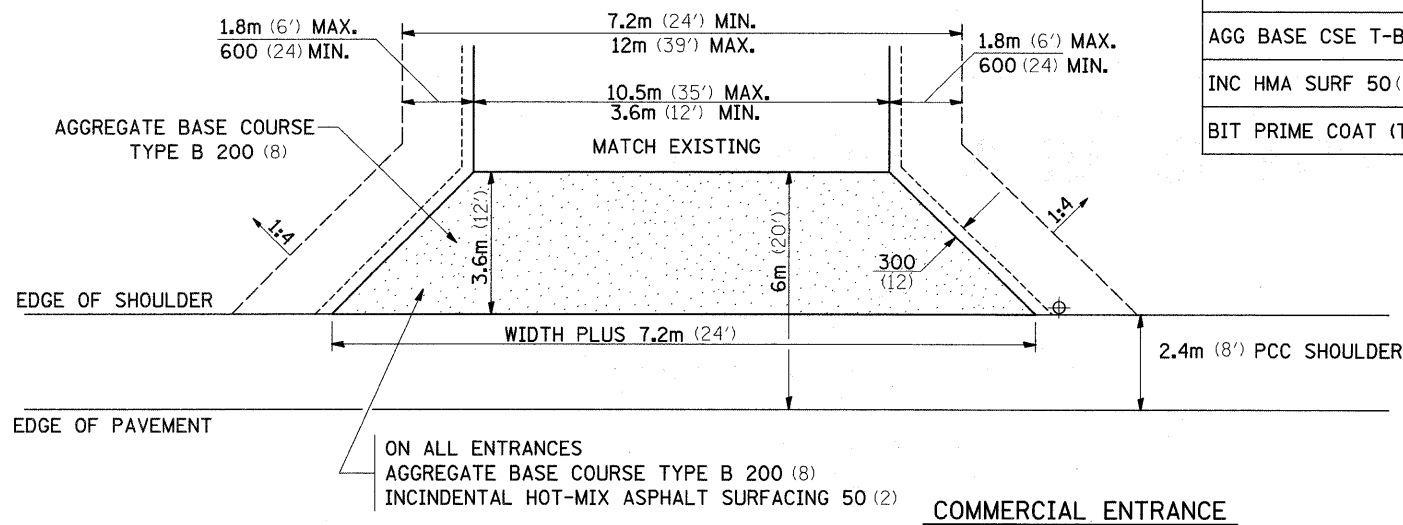
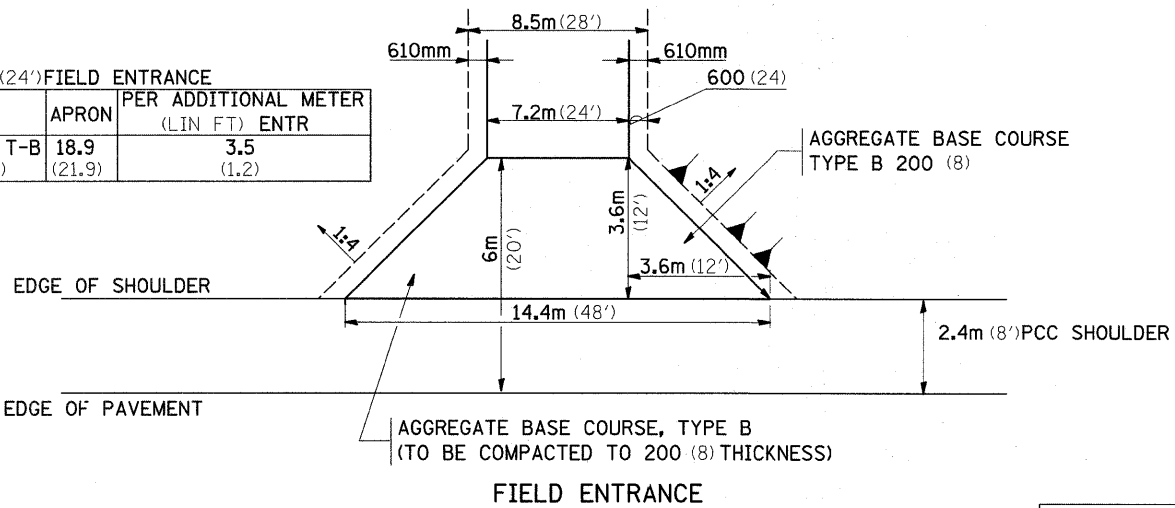
STANDARD INLET FOR CURB & GUTTER TYPE M-6.24

PLOT DATE = Fri May 01 08:45:21 2009

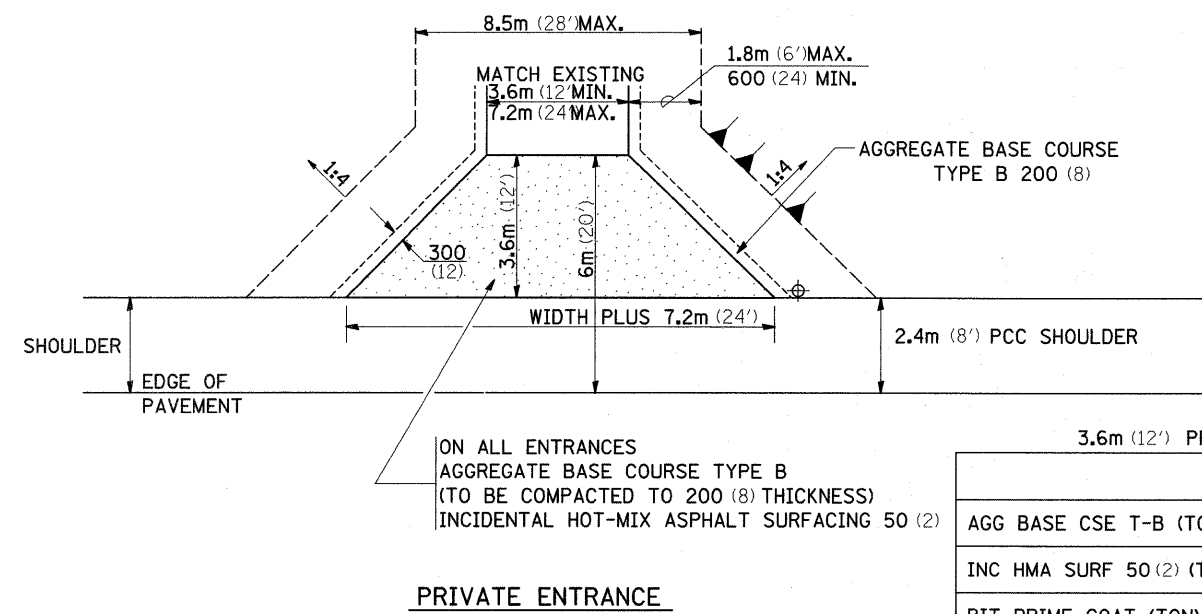
DRAIN FOR AGGREGATE BASE COURSE

ENTRANCES AND SIDEROADS WITH 8' PCC SHOULDERS

7.2m (24') FIELD ENTRANCE		
	APRON	PER ADDITIONAL METER (LIN FT) ENTR
AGG BASE CSE T-B M TON (TON)	18.9 (21.9)	3.5 (1.2)



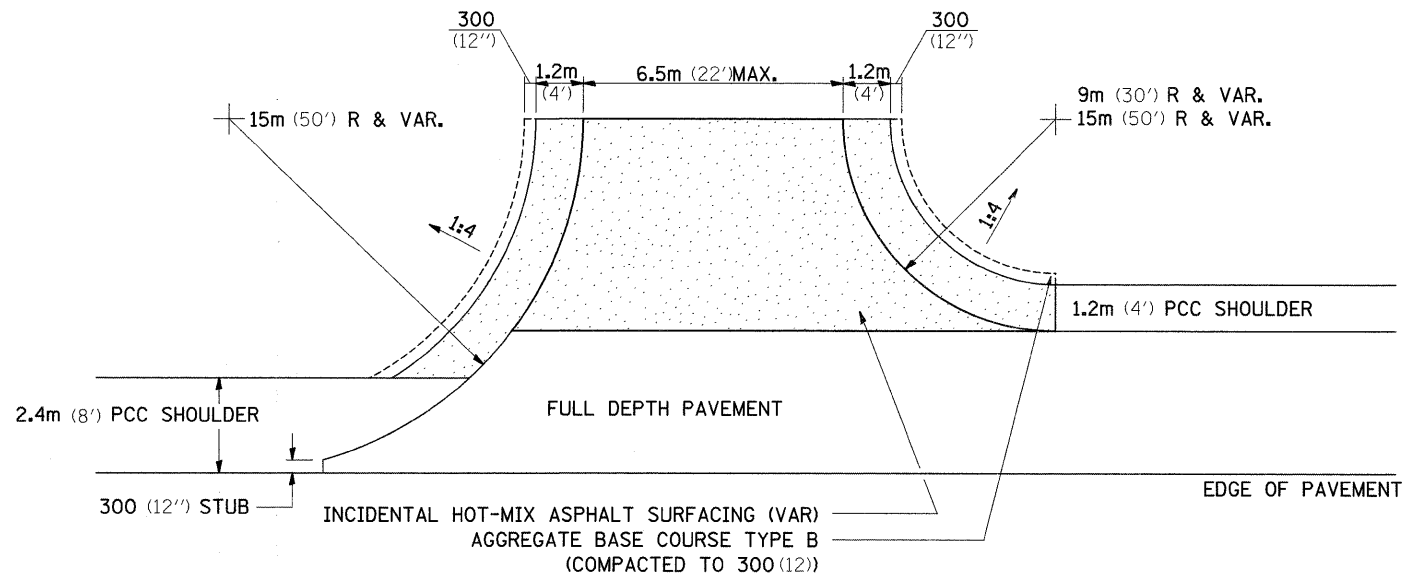
COMMERCIAL ENTRANCE			PER METER ENTR (FOOT)	
	3.6m (12')	10.5m (35')	3.6m (12')	10.5m (35')
AGG BASE CSE T-B (TON)	14.3 (15.8)	27.0 (29.8)	0.64 (0.70)	1.70 (1.87)
INC HMA SURF 50 (2) (TON)	3.3 (3.6)	6.35 (7.0)	0.14 (0.15)	0.40 (0.44)
BIT PRIME COAT (TON)	0.042 (0.046)	0.082 (0.090)	0.002 (0.002)	0.005 (0.006)



3.6m (12') PRIVATE ENTRANCE			PER METER ENTR (FOOT)	
	3.6m (12')	7.2m (24')	3.6m (12')	7.2m (24')
AGG BASE CSE T-B (TON)	14.3 (15.8)	21.0 (23.1)	0.64 (0.70)	1.20 (1.32)
INC HMA SURF 50 (2) (TON)	3.3 (3.6)	4.9 (5.4)	0.14 (0.15)	0.27 (0.30)
BIT PRIME COAT (TON)	0.042 (0.046)	0.063 (0.069)	0.002 (0.002)	0.004 (0.004)

NOTE

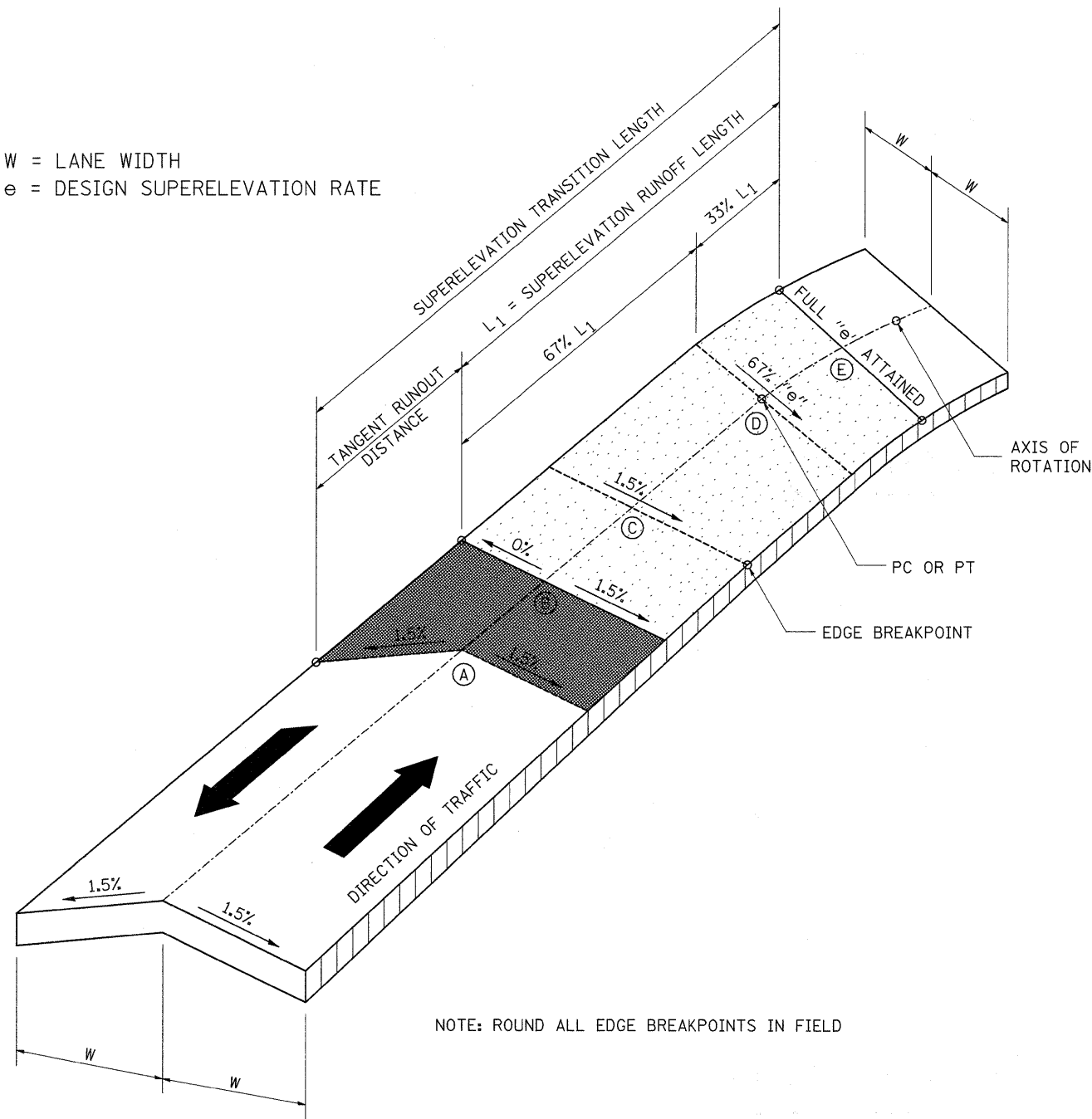
- ① ALL PE & CE ARE TO BE INCIDENTAL HOT-MIX ASPHALT SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
- ② FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
- ③ QUANTITIES ARE CALCULATED WITH 2.4M (8') PCC SHOULDER IN PLACE. AGGREGATE QUANTITIES SHOWN ARE FOR NEW CONSTRUCTION.
- ④ EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE CONSIDERED INCLUDED TO THE AGGREGATE BASE COURSE.
- ⑤ ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.
- ⑥ SEE PAVEMENT JOINT DETAILS, PAVEMENT ELEVATION DETAILS, AND TYPICALS FOR ALL SIDEROAD LIMITS AND DIMENSIONS.



SIDEROAD RETURN (SEE NOTE 6)

SUPERELEVATION TRANSITION

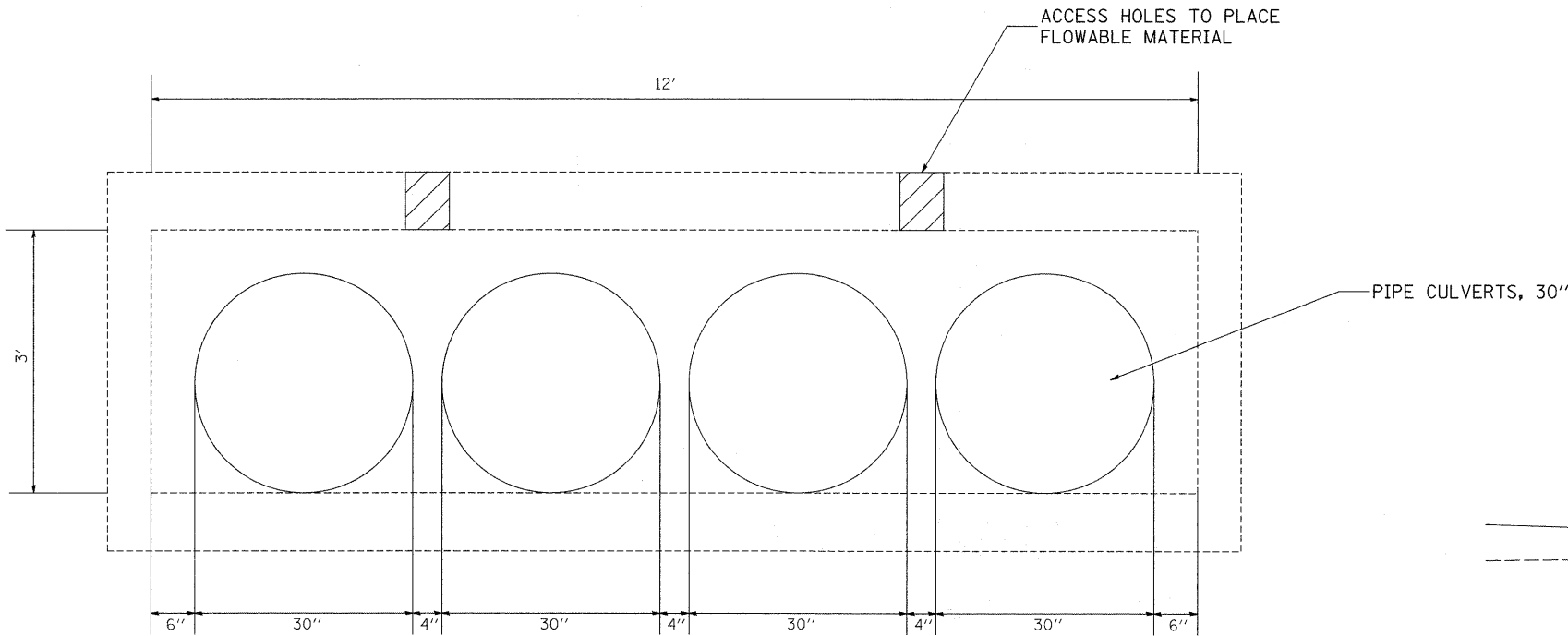
W = LANE WIDTH
e = DESIGN SUPERELEVATION RATE



TRANSITION CURVE TABLE

CURVE PI STATION	SUPERELEVATION "e" %	W FOOT	SUPERELEVATION TRANSITION LENGTH FOOT	TANGENT RUNOUT DISTANCE FOOT	SUPERELEVATION RUNOFF LENGTH FOOT
604+39.30	RC	12	54	27	27
609+61.74	2.4	12	83	32	51
617+80.75	3.4	12	121	37	84
STATION EQUATION: STA. 620+11.65 BK = 620+12.36 AH					
629+83.82	3.8	12	P. C. 174 P. T. 178	P. C. 36	P. C. 138 P. T. 178 ROTATION AT STA. 633+25.63
638+41.23	5.1	12	P. C. 159 P. T. 134		P. C. 159 ROTATION AT STA. 633+25.63 P. T. 134 ROTATION AT STA. 643+18.76
650+08.08	5.6	12	P. C. 235 P. T. 246	P. T. 30	P. C. 235 ROTATION AT STA. 643+18.76 P. T. 216
682+45.19	5.4	12	P. C. 242 P. T. 177	P. C. 35 P. T. 39	P. C. 207 P. T. 138

TEMPORARY SUPPORT SYSTEM OPTION
@ CULVERT STA. 677 + 98

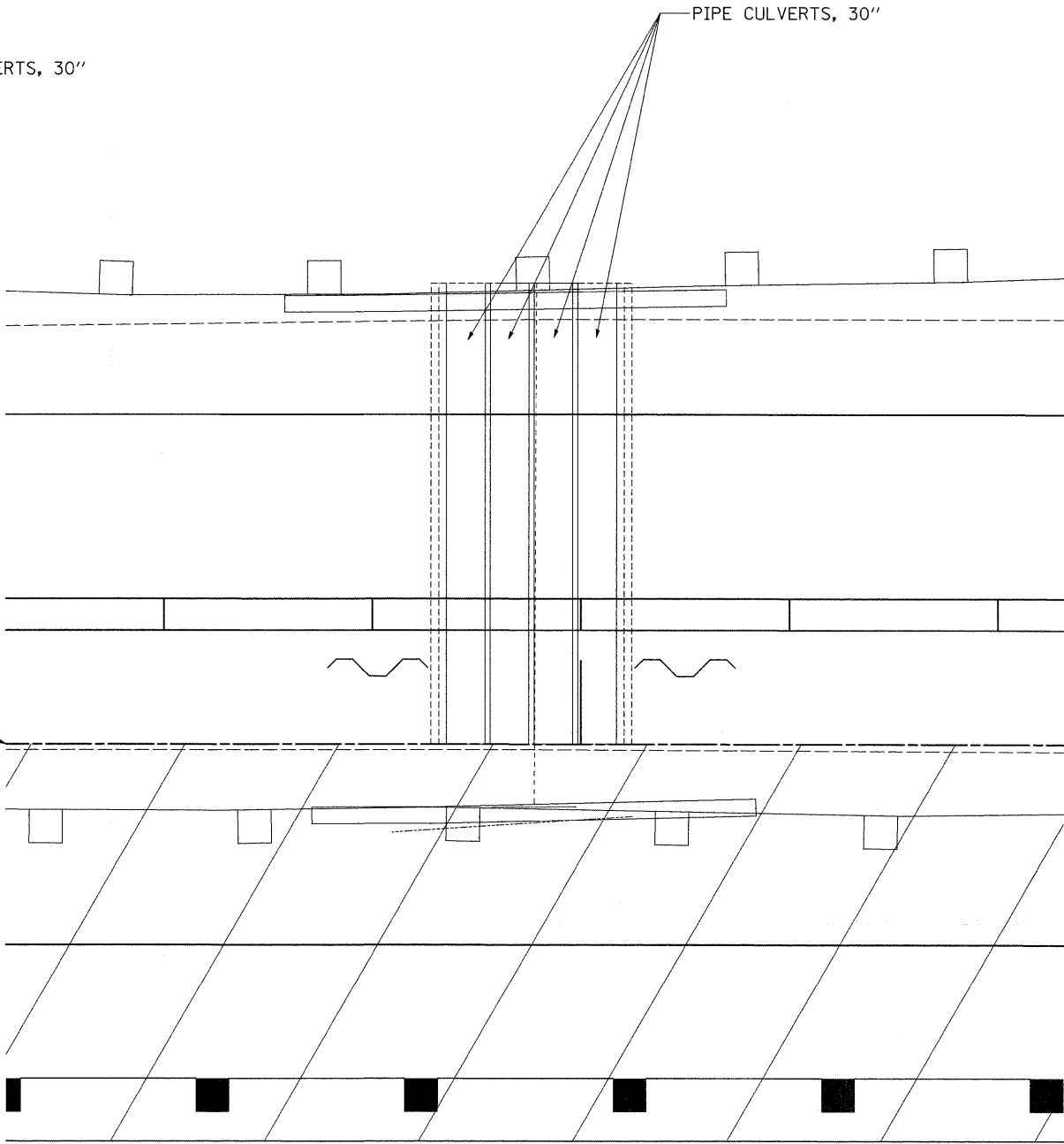


NOTES

This is an option for the Contractor to consider when designing the Temporary Support System.

The Contractor shall verify the design per the Temporary Support System Special Provision.

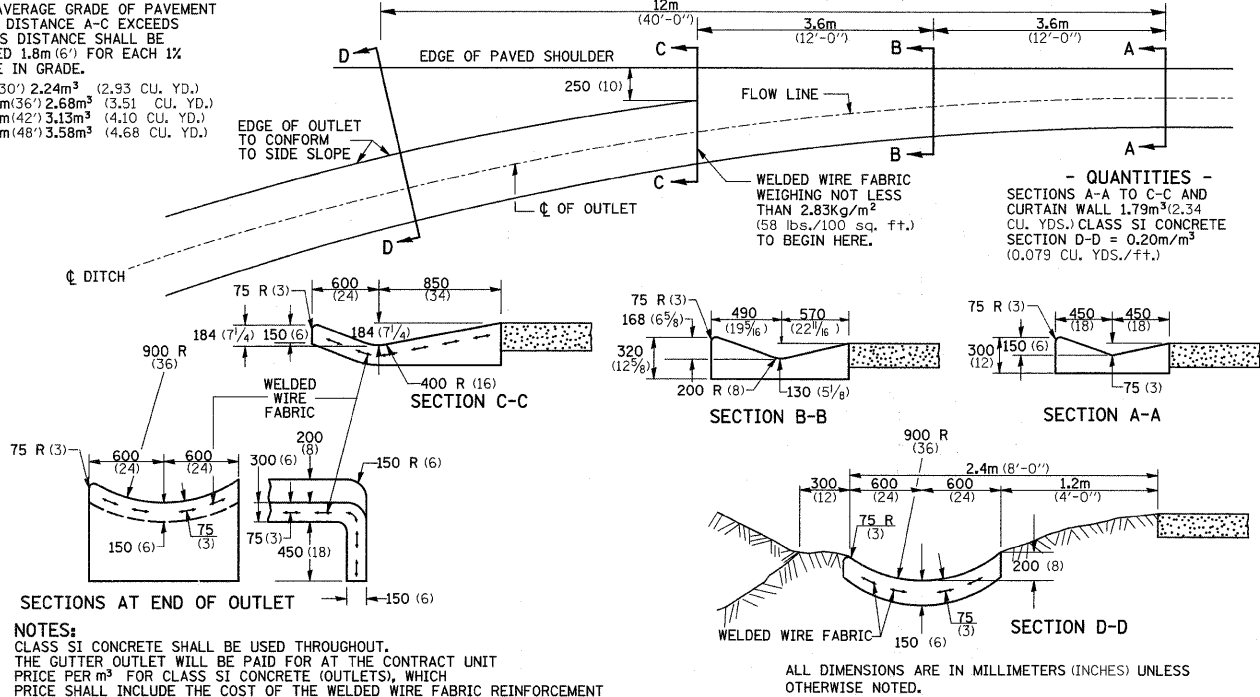
STAGE LINE



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY SUPPORT SYSTEM OPTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct\pw\work\PWIDOT\CUSHMANBW\dms34123\dwg\6406sp169.dgn		DRAWN -	REVISED -					742	37R-3	OGLE	345	224
		PLLOT SCALE = 50.0000' / IN.	CHECKED -					CONTRACT NO. 84788				
		PLLOT DATE = Fri May 01 08:45:23 2009	DATE -					REVISED -				
SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

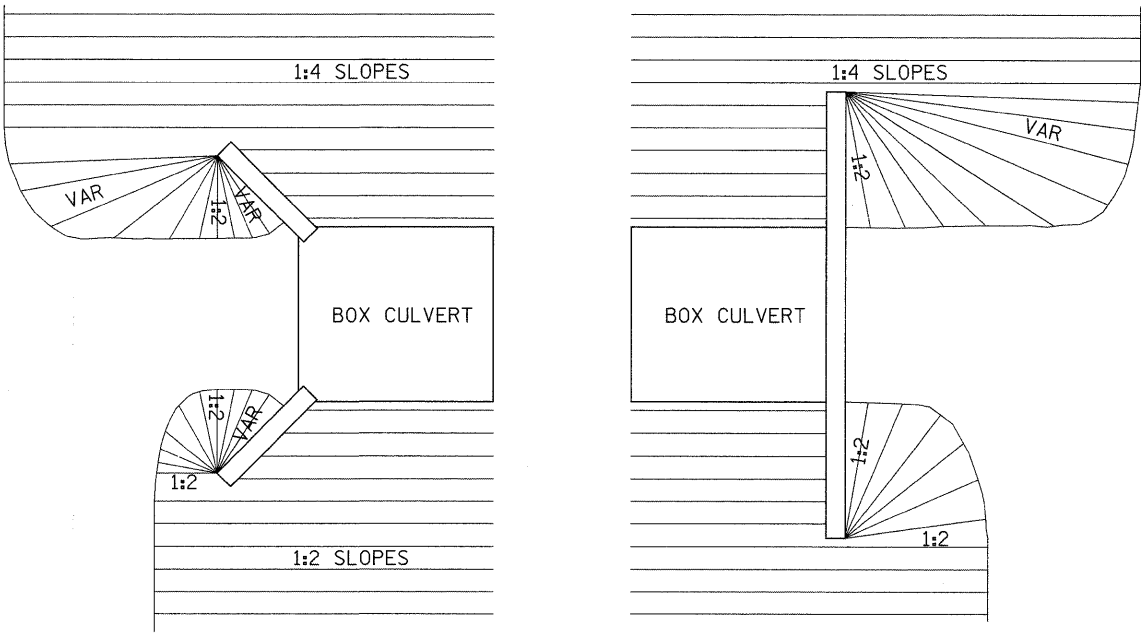
GUTTER OUTLET ADJACENT TO STABILIZED SHOULDER

NOTE:
IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE A-C EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 1.8m (6') FOR EACH 1% INCREASE IN GRADE.
3 % 9m (30') 2.24m³ (2.93 CU. YD.)
4 % 10.8m (36') 2.68m³ (3.51 CU. YD.)
5 % 12.6m (42') 3.13m³ (4.10 CU. YD.)
6 % 14.4m (48') 3.58m³ (4.68 CU. YD.)



GUTTER OUTLET ADJACENT TO STABILIZED SHOULDER 15.4

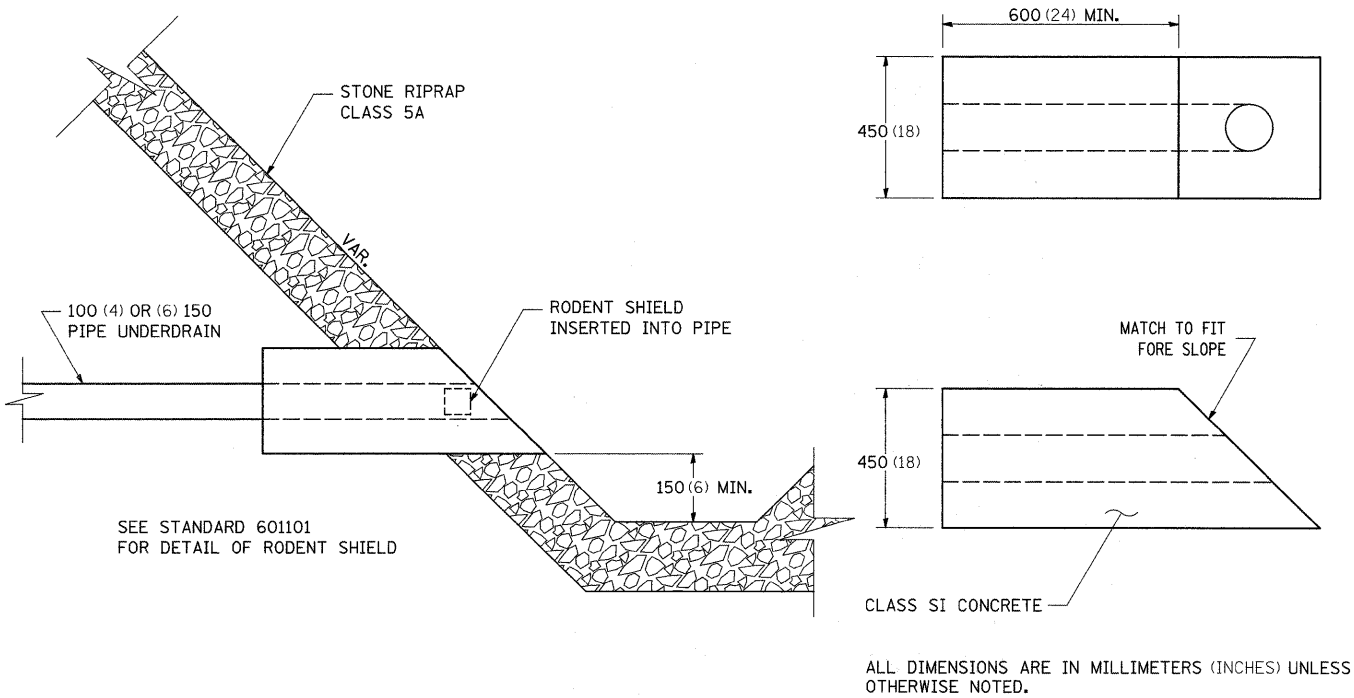
GRADING AROUND WINGWALLS



10-21-08

GRADING AROUND WINGWALLS 20.4

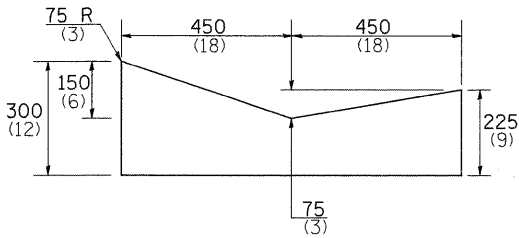
CONCRETE HEADWALLS FOR PIPE DRAINS



REVISED - 10-15-04

CONCRETE HEADWALLS FOR PIPE DRAINS 27.4

CONCRETE GUTTER, TYPE A (MODIFIED)

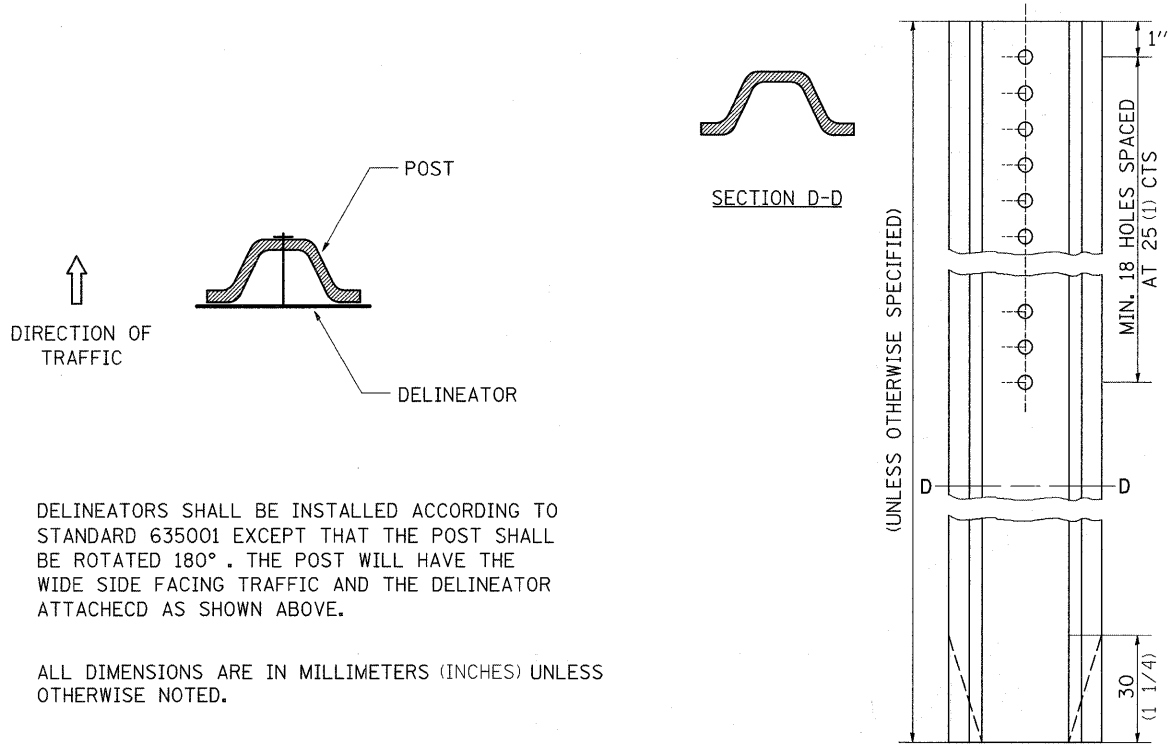


NOTES:
THIS WORK SHALL BE DONE IN ACCORDANCE WITH THIS DETAIL AND STANDARD 606101
THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METER (FOOT) FOR CONCRETE GUTTER, TYPE A (MODIFIED).
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 5-4-94	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					742	37R-3	OGLE	345	225
REVISED -					CONTRACT NO. 84788				
REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONCRETE GUTTER TYPE A (MODIFIED) 36.4

DELINEATOR AND POST ORIENTATION

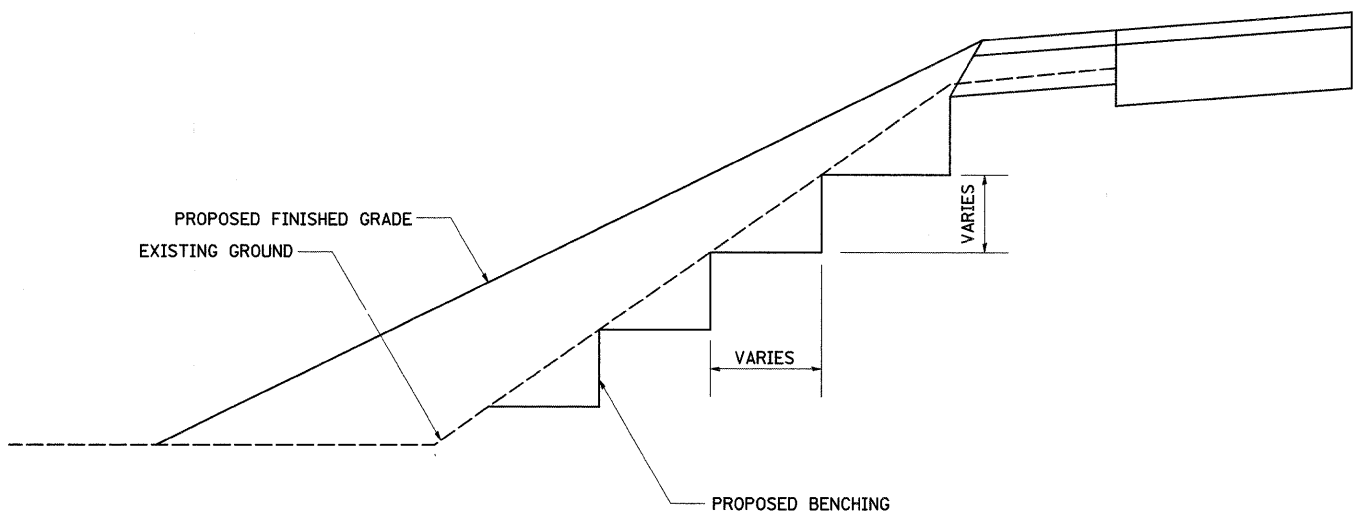


DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

TYPICAL BENCHING ON EXISTING EMBANKMENT

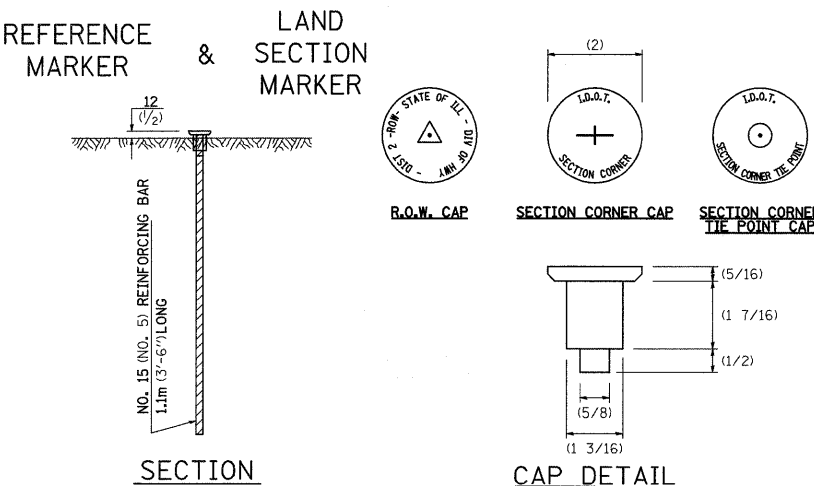


REVISED - 2-22-06

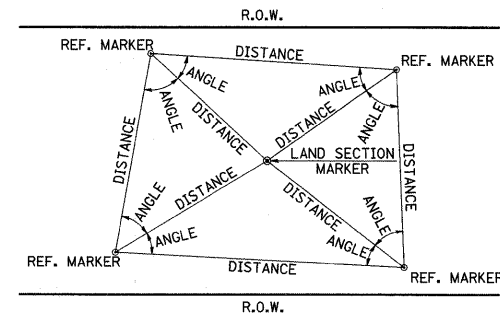
DELINEATOR AND POST ORIENTATION 37.4

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

LAND SECTION & REFERENCE MARKERS



METHOD OF REFERENCING MARKERS



- USE INSTRUMENT TIES TO NEARBY LAND-MARKS (STEEPLES, TOWERS, SILOS, ETC...)
- IN CULTIVATED FIELDS, SET 600(2') OR MORE BELOW GROUND SURFACE.
- IN FENCE LINE OR PROTECTED AREA SET TOP AT GROUND LEVEL.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

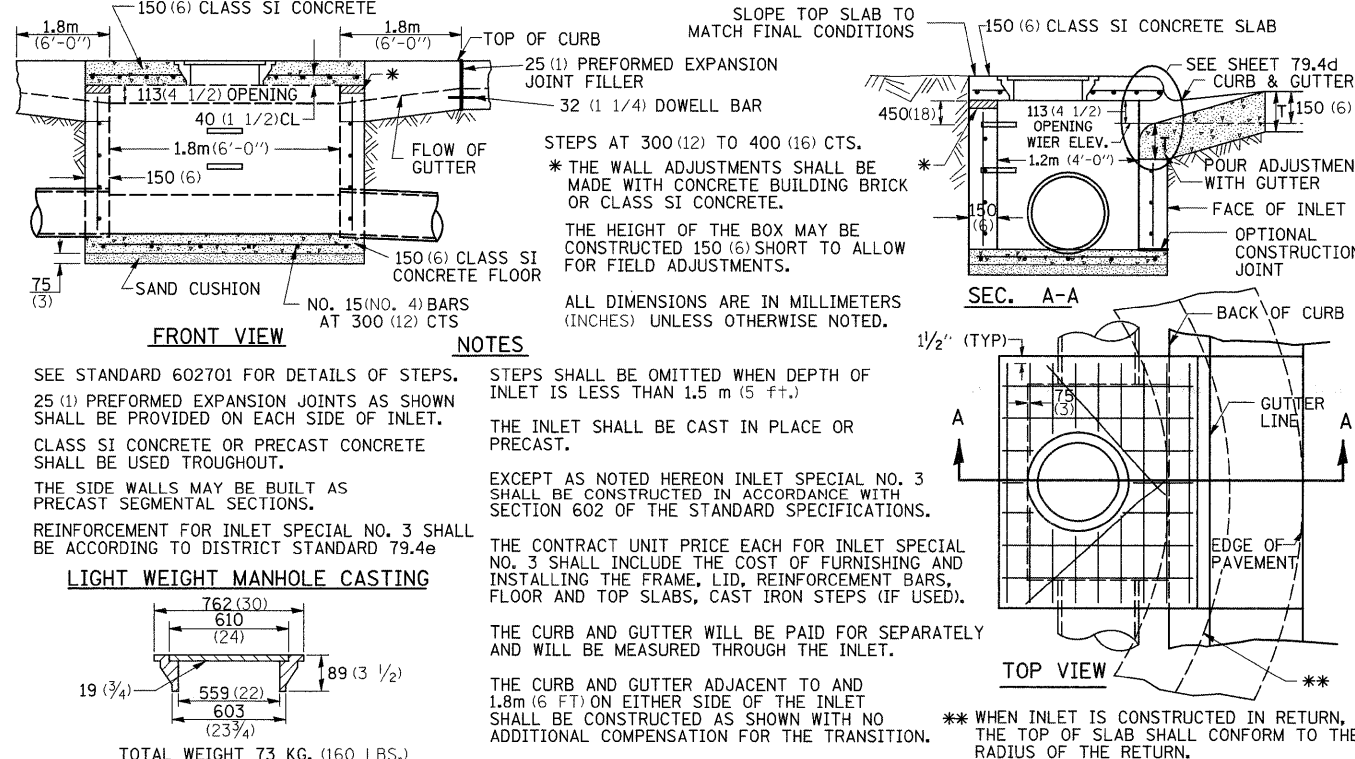
METHOD OF REFERENCING POINTS

REFERENCE MARKERS SHALL BE USED TO TIE IN PERMANENT LAND SECTION AND 1/4 SECTION CORNERS. WHERE LAND SECTION MARKERS FALL IN THE SHOULDERS OR GRAVEL SURFACES, THE TOP OF THE BAR SHALL BE KEPT 75(3) BELOW THE SURFACE. LAND SECTION MARKERS LOCATED IN TRAFFIC LANES SHALL NOT BE REPLACED.

METAL CAPS SHALL BE PLACED ON TOP OF THE REINFORCEMENT BAR. THERE ARE 3 TYPES OF CAPS, ONE FOR THE RIGHT-OF-WAY CORNERS, ONE FOR THE SECTION CORNERS AND ONE FOR THE SECTION CORNER TIE POINTS. THE CAPS WILL BE SUPPLIED BY IDOT, CALL CHIP CORDELL (815) 284-5370 A MINIMUM OF ONE WEEK BEFORE THE CAPS ARE NEEDED

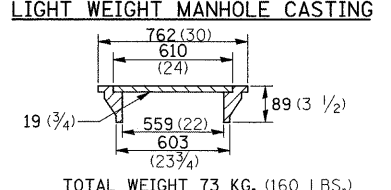
REVISED - 4-22-05

INLET SPECIAL NO. 3



SEE STANDARD 602701 FOR DETAILS OF STEPS. 25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL NO. 3 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4e

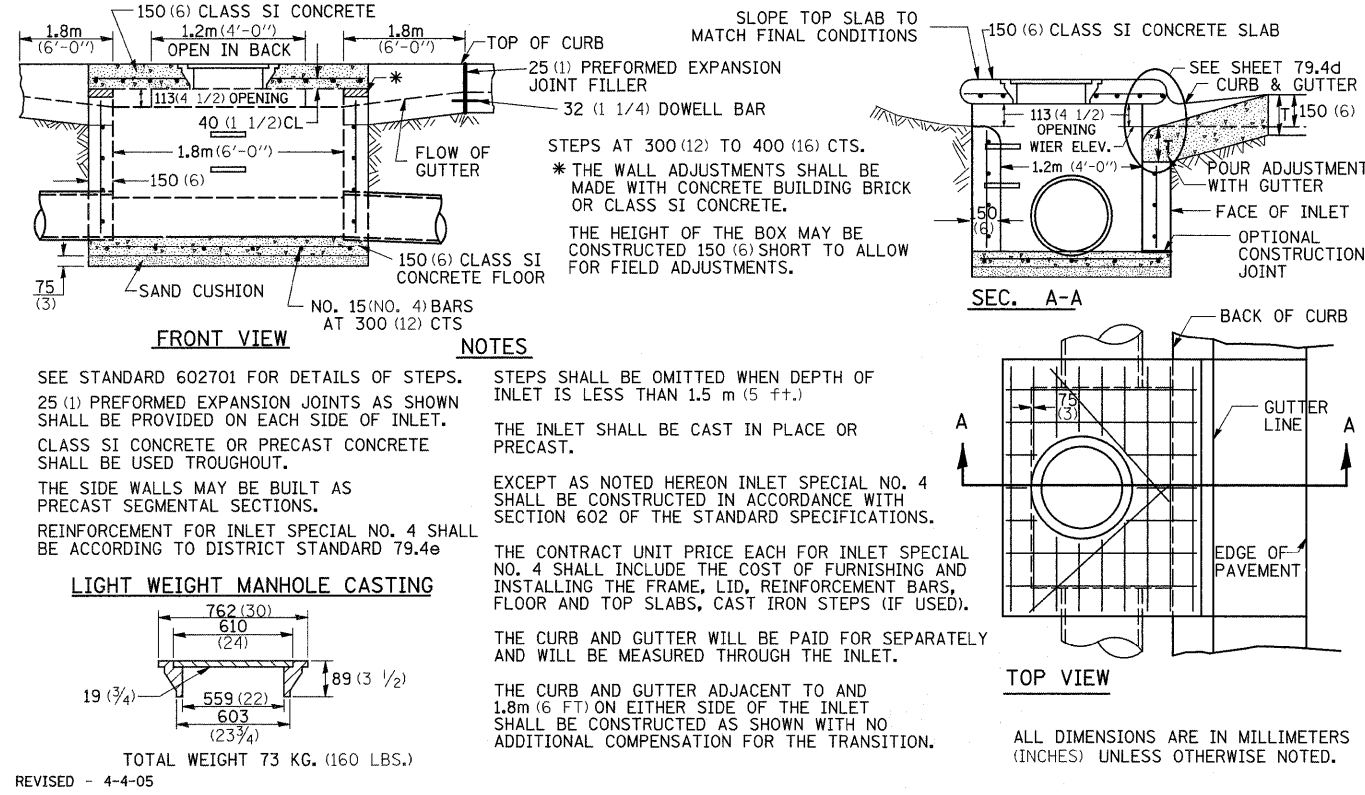
STEPS AT 300 (12) TO 400 (16) CTS. * THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 3 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED). THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET. THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

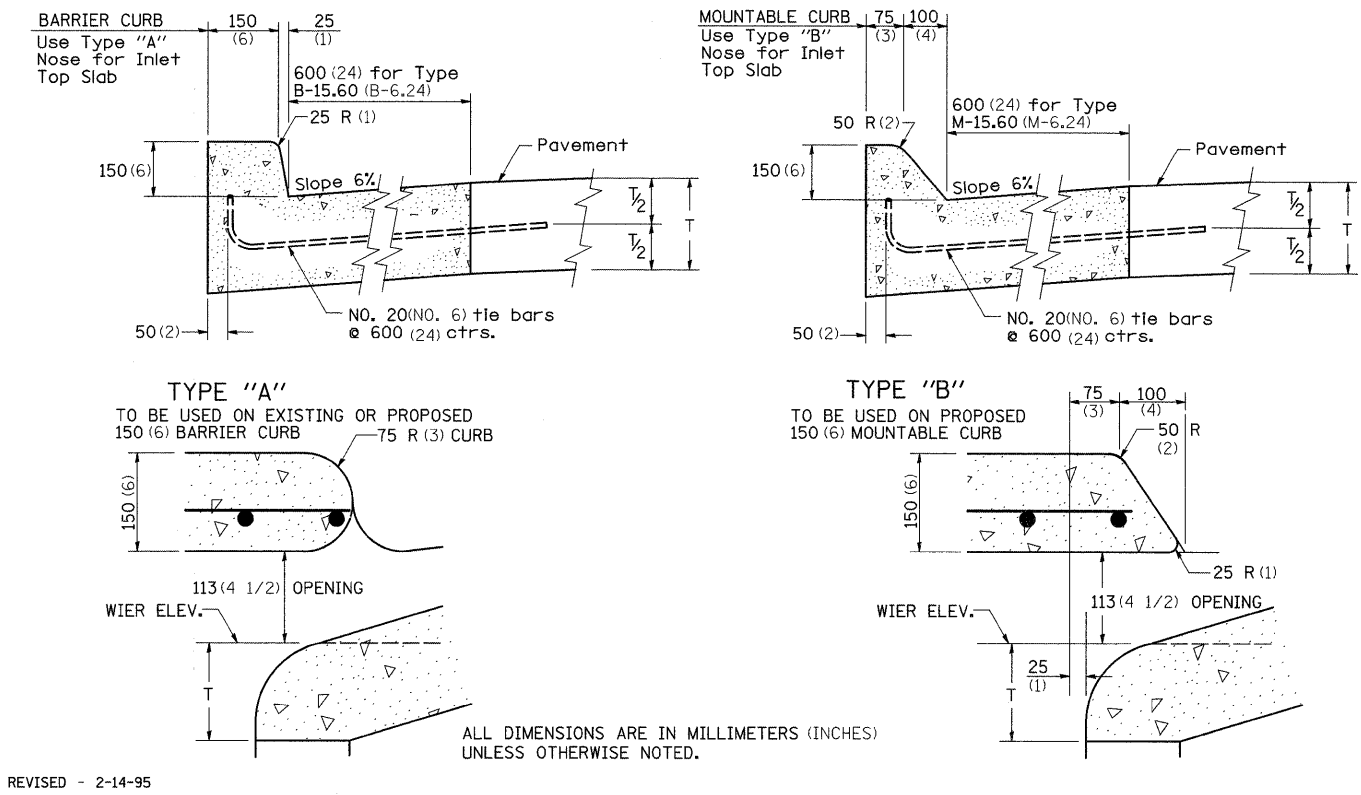
** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

INLET SPECIAL NO. 4



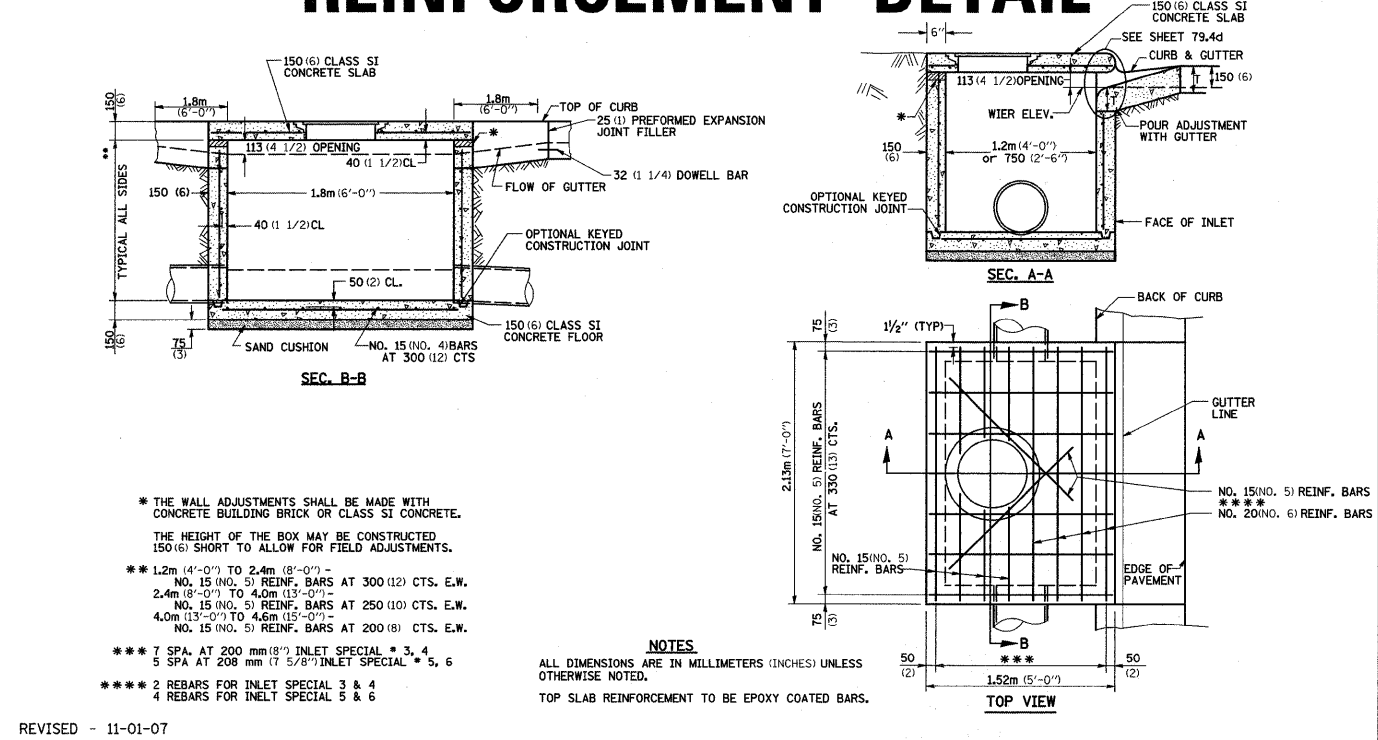
INLET SPECIAL NO. 4 79.4a

NOSE TYPE FOR INLET TOP SLAB



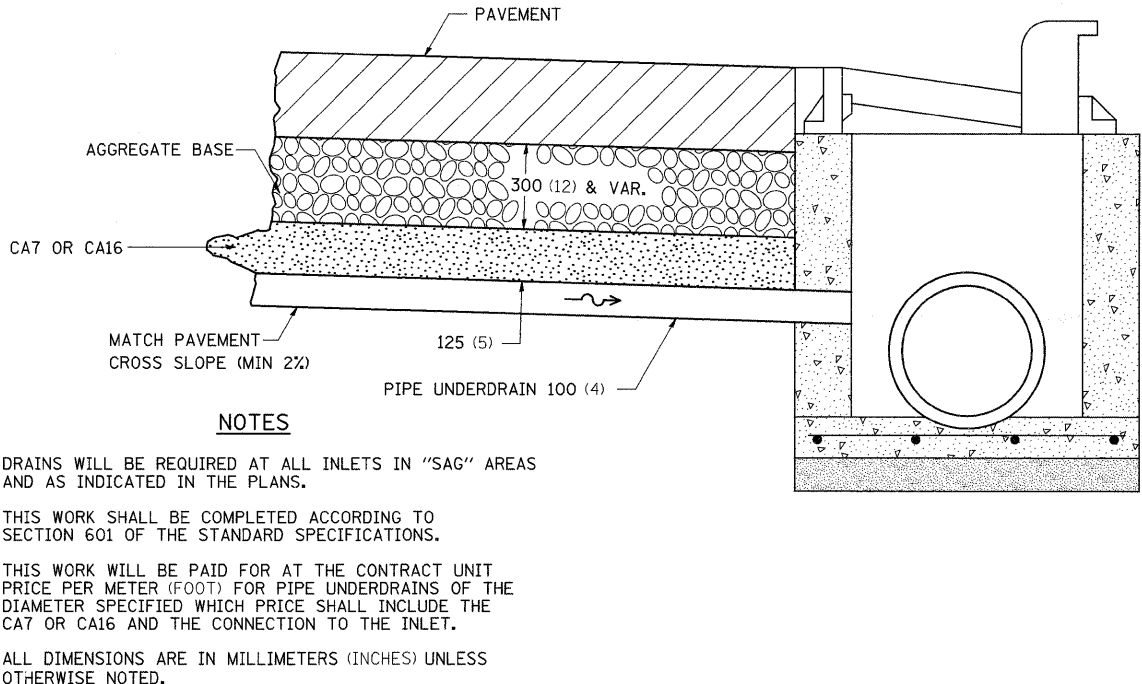
NOSE TYPE FOR INLET TOP SLAB 79.4d

INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL



INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL 79.4b

DRAIN FOR AGGREGATE BASES IN URBAN AREAS



REVISED - 4-7-99	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		742	37R-3	OGLE	345	227
REVISED -		CONTRACT NO. 84788				
REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DRAIN FOR AGGREGATE BASES IN URBAN AREAS 88.4

LETTERING FOR NAME PLATE

STATION
BUILT 200 BY
STATE OF ILLINOIS
FAP 742 RTE. 37R-3 SEC.
FA PROJECT
LOADING HS 20
STR. NO.

SEE STD. 515001

STATION	STRUCTURE NO.
615+22	071-1132
626+61	071-1131
635+63	071-1133
654+30	071-1202
659+22	071-1126
667+20	071-1203
678+70	071-1127

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

LETTERING FOR NAME PLATE 89.4

TREE REPLACEMENT SCHEDULE

CODE NUMBER	SCIENTIFIC NAME	COMMON NAME	SIZE	UNIT	QUANTITY
A2C022G3	TREE, CARYA ILLINOINENSIS	PECAN	CONTAINER GROWN, 3-GALLON	EACH	50
A2C040G3	TREE, PLATANUS OCCIDENTALIS	SYCAMORE	CONTAINER GROWN, 3-GALLON	EACH	50
A2C050G3	TREE, QUERCUS BICOLOR	SWAMP WHITE OAK	CONTAINER GROWN, 3-GALLON	EACH	50
A2C060G3	TREE, QUERCUS PALUSTRIS	PIN OAK	CONTAINER GROWN, 3-GALLON	EACH	75
A2001714	TREE, ACER SACCHARUM	SUGAR MAPLE	1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	26
A2001724	TREE, ACER SACCHARUM	SUGAR MAPLE	3" CALIPER, BALLED AND BURLAPPED	EACH	8
A2006720	TREE, QUERCUS MACROCARPA	BUR OAK	2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3
A2007114	TREE, QUERCUS RUBRA	RED OAK	1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	25
B2001116	TREE, CERCIS CANADENSIS	EASTERN REDBUD	2" CALIPER, BALLED AND BURLAPPED	EACH	3
B2004114	TREE, MALUS PRAIRIFIRE	PRAIRIFIRE	1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	3
		CRABAPPLE			
D2002272	EVERGREEN, PICEA PUNGENS	COLORADO BLUE	6' HEIGHT, BALLED AND BURLAPPED	EACH	4
	GLAUCA	SPRUCE			
D2003872	EVERGREEN, THUJA OCCIDENTALIS	TECHNY ARBORVITAE	6' HEIGHT, BALLED AND BURLAPPED	EACH	50

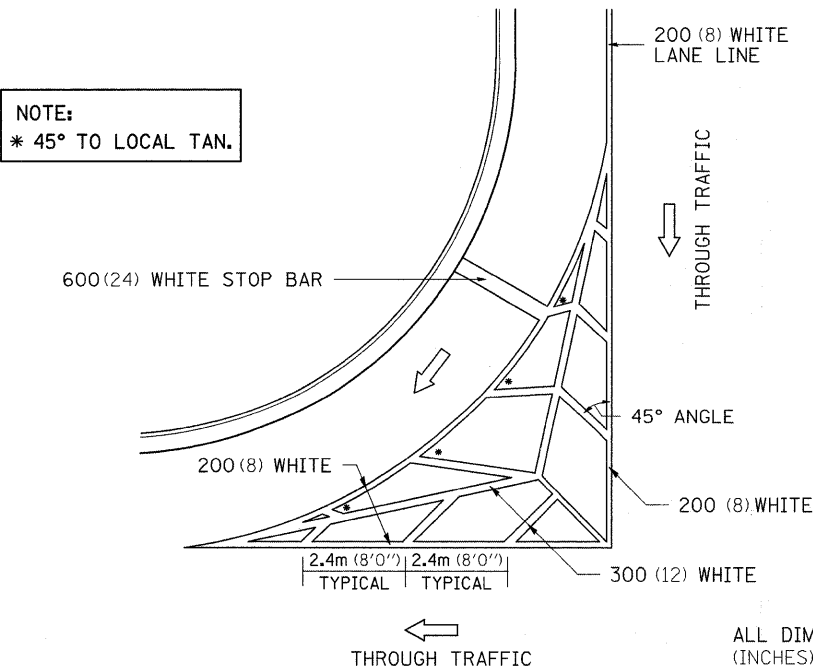
SEE GENERAL NOTES FOR ADDITIONAL TREE NOTES AND COMMITMENTS.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 8-10-05

TREE REPLACEMENT SCHEDULE 90.4

TYPICAL MARKING FOR PAINTED ISLANDS

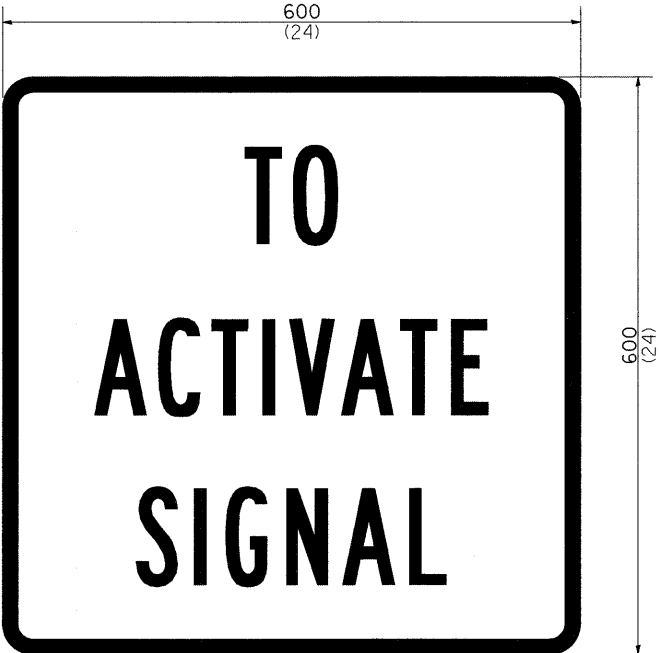


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 2-7-05

TYPICAL MARKING FOR PAINTED ISLANDS 93.4

STOP LINE SIGN FOR TEMPORARY SIGNALS



SIZE: 600(24) x 600(24)

100(4) CAPITAL LETTERS - BLACK

13 (1/2) BORDER - BLACK

WHITE REFLECTIVE - TYPE AP
HIGH INTENSITY PRISMATIC SHEETING

GENERAL NOTE:

THIS SIGN SHALL BE INSTALLED AT THE STOP LINE AS DIRECTED BY ENGINEER.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

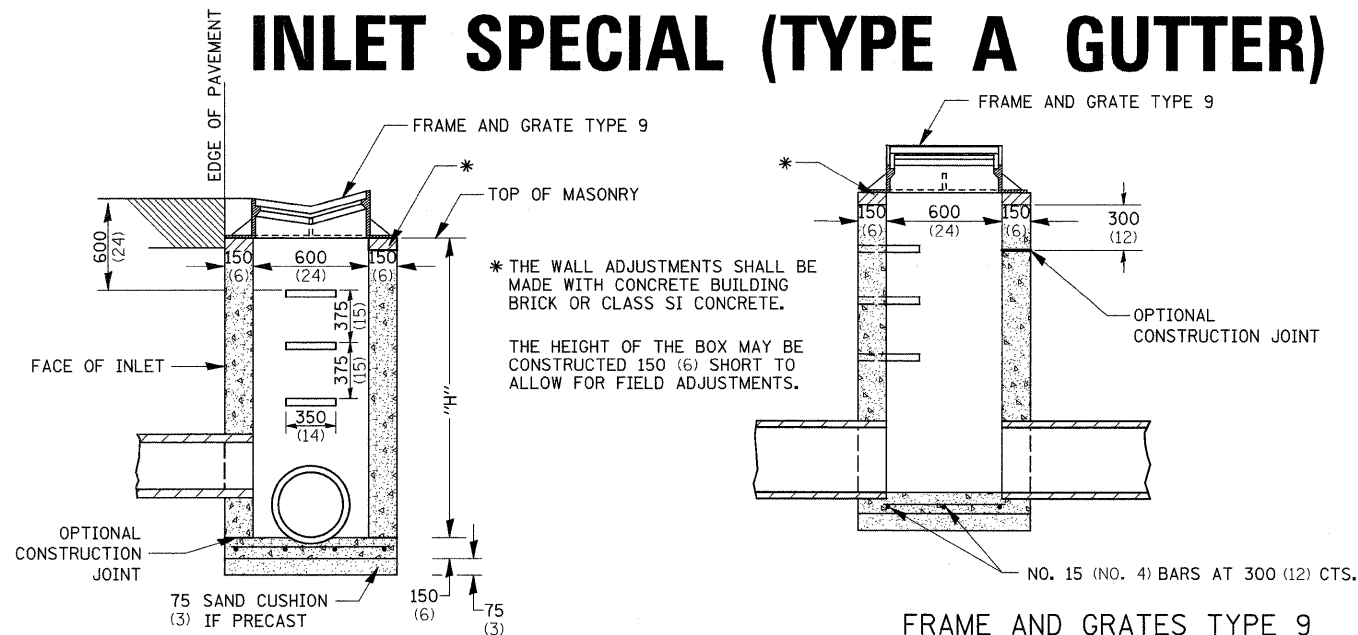
REVISED - 1-22-07	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					742	37R-3	OGLE	345	228
REVISED -					CONTRACT NO. 84788				
REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: 50.0000' / IN SHEET NO. OF SHEETS STA. TO STA.

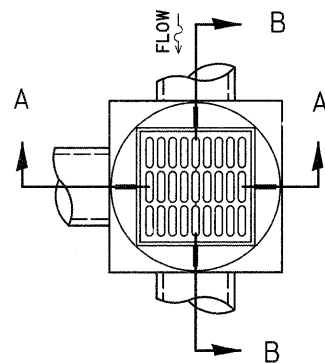
PLOT DATE = Fri May 01 08:45:20 2009

STOP LINE SIGN FOR TEMPORARY SIGNALS 99.4

INLET SPECIAL (TYPE A GUTTER)



SEC. A-A



NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

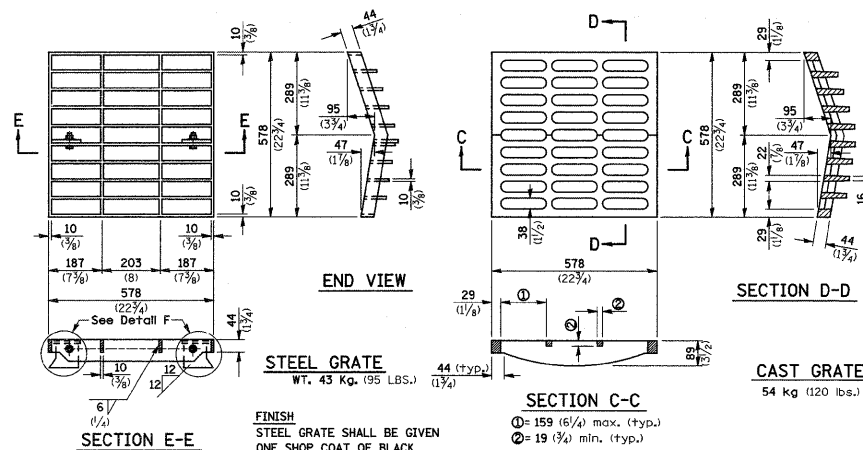
WEIGHT OF CAST IRON FRAME & GRATE = 200kg (440 LBS.).
STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 1524 (60).

DETAIL OF FRAME & GRATE

NOTES

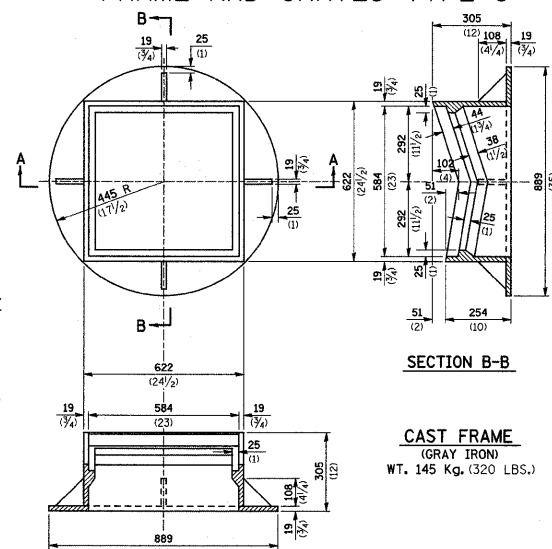
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 27.5 MPa (4,000 PSI) AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLAB, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

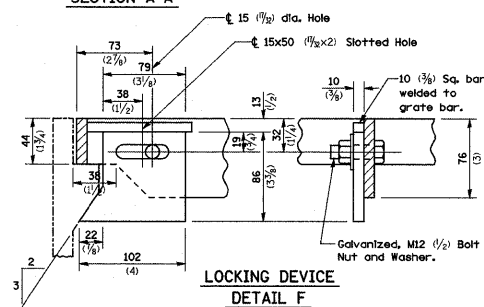


REVISED - 1-27-00

FRAME AND GRATES TYPE 9



SECTION A-A



GENERAL NOTES

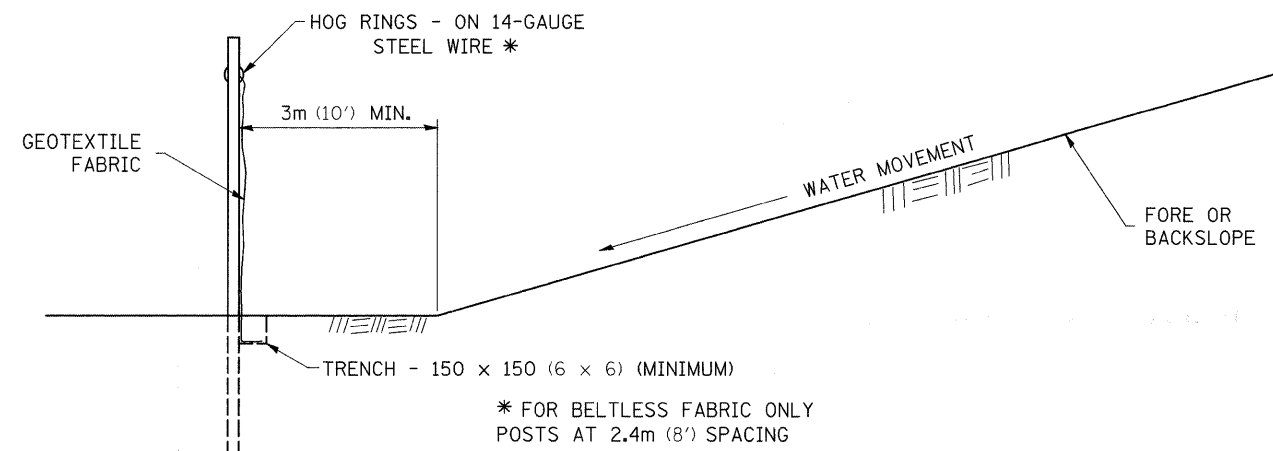
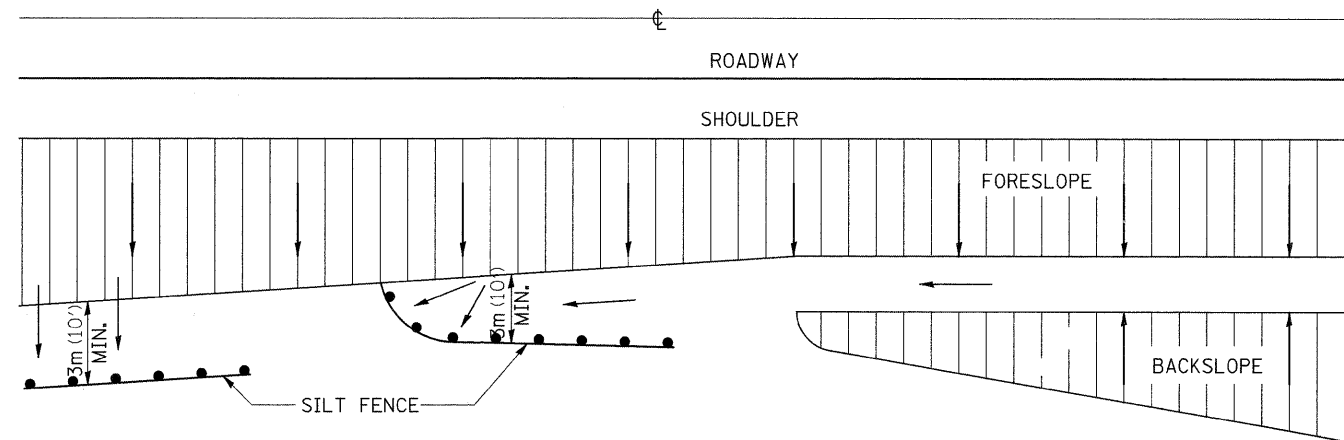
THE MATERIAL FOR STEEL GRATE SHALL CONFORM TO ARTICLE 1006.04 OF THE STANDARD SPECIFICATIONS.

THE USE OF EITHER A CAST GRATE OR A STEEL GRATE WITH THE CAST FRAME SHALL BE THE OPTION OF THE CONTRACTOR.

THE CAST GRATE MAY BE MADE OF EITHER GRAY IRON OR DUCTILE IRON CONFORMING TO THE STANDARD SPECIFICATIONS. DUCTILE IRON CASTING SHALL BE GRADE 65-45-12

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

EROSION CONTROL DETAILS FOR SILT FENCE

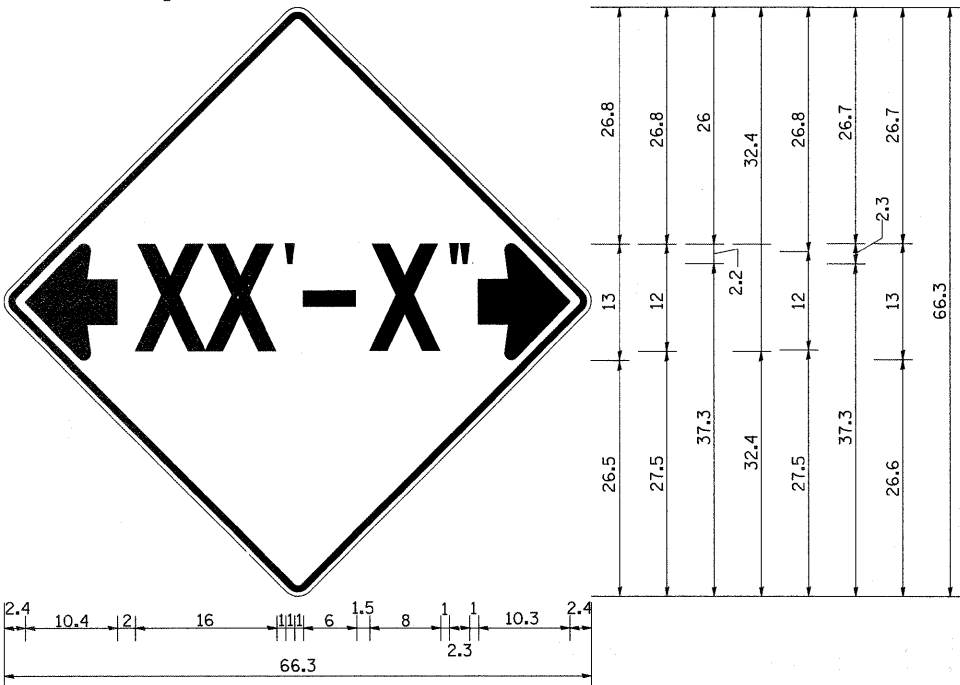


DETAILS OF SILT FENCE

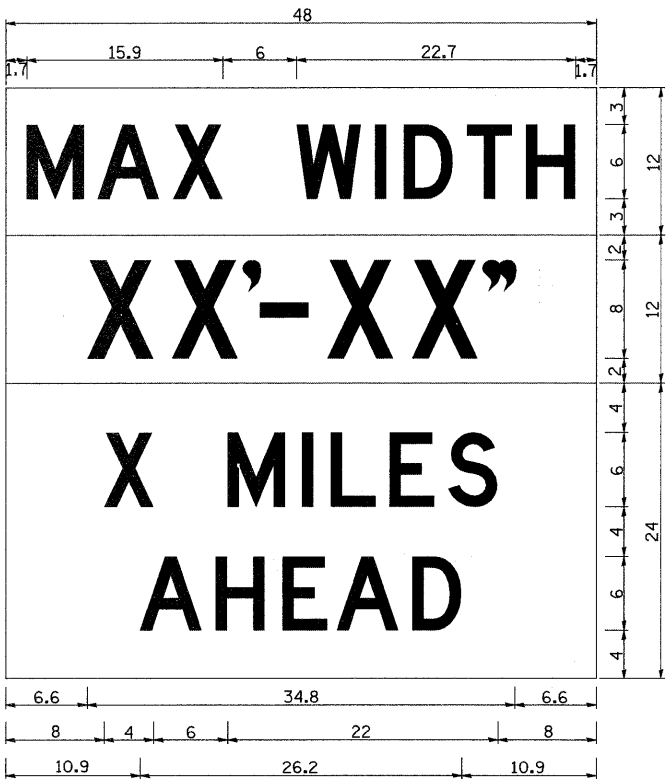
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 10-22-01	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		742	37R-3	OGLE	345	229
REVISED -		CONTRACT NO. 84788				
REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

INFORMATIONAL WARNING SIGN
(FOR NARROW TRAVEL LANES)



NOTES
W12-2 - Horizontal Clearance Sign
48.0" across sides, 1.9" Radius,
0.8" Border, 0.5" Indent, Black on
Orange; Standard Arrow Custom
10.4" X 8.1" 180° Black 11 Inch
D Series Lettering; Standard Arrow
Custom 10.4" X 8.1" 0°



W12-I103 (Width is 80);
No border, Black on White;
[MAX WIDTH] D;

No border, Black on Orange;
[XX'-XX"] D;

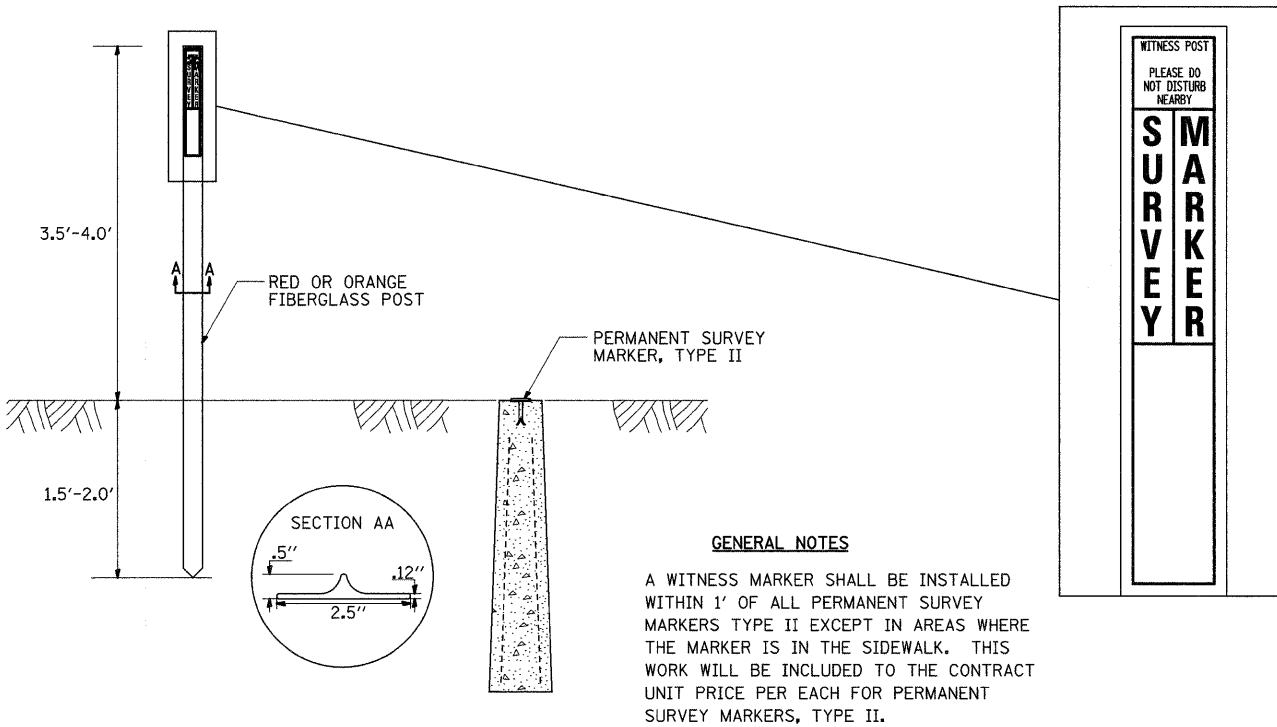
No border, Black on White;
[X MILES] D; [AHEAD] D;

All work to furnish and install these
signs shall be included in the cost
of the Traffic Control Standards
and shall not be paid for separately.

ALL DIMENSIONS ARE IN INCHES UNLESS
OTHERWISE NOTED.

REVISED - 1-9-08

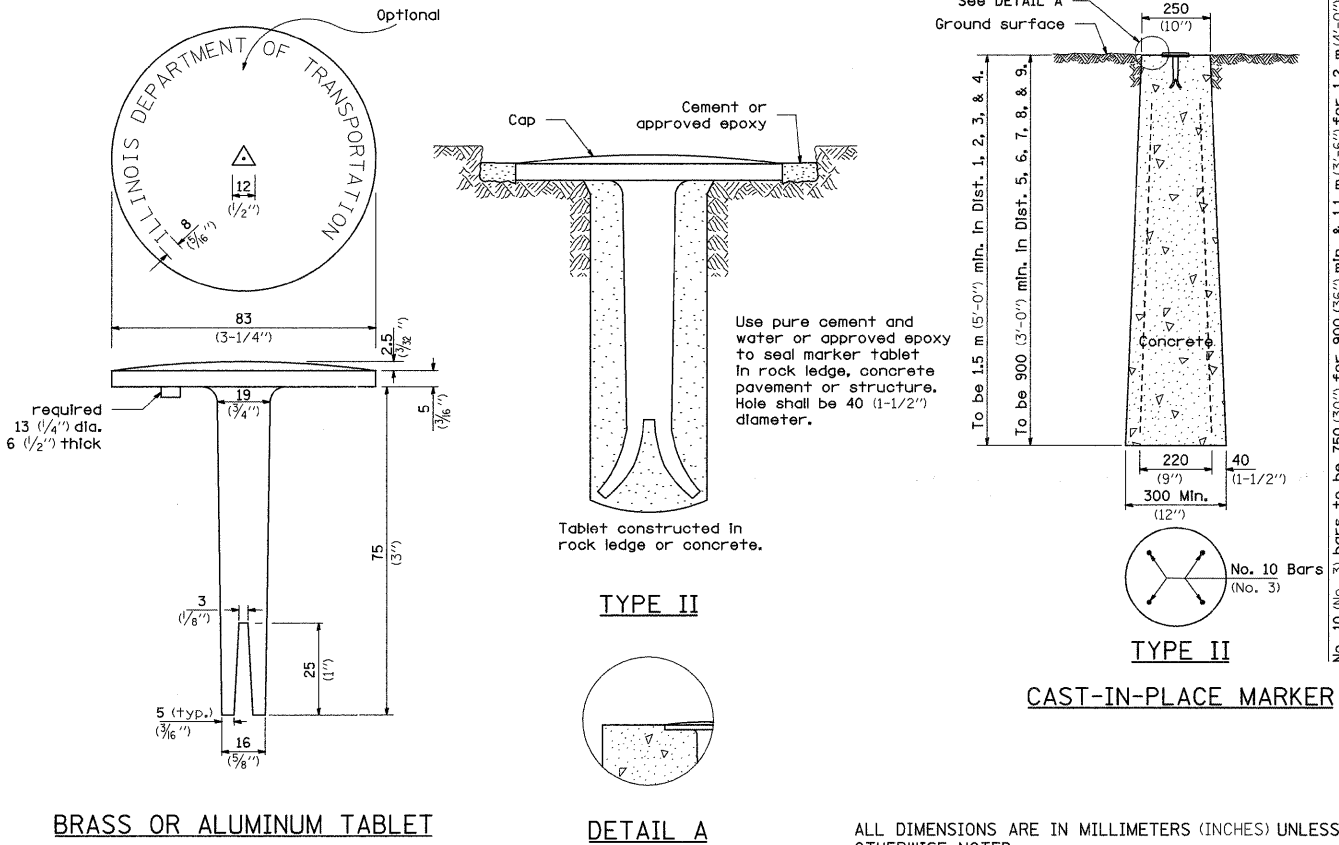
WITNESS MARKER FOR PERMANENT
SURVEY MARKERS, TYPE II



GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED
WITHIN 1' OF ALL PERMANENT SURVEY
MARKERS TYPE II EXCEPT IN AREAS WHERE
THE MARKER IS IN THE SIDEWALK. THIS
WORK WILL BE INCLUDED TO THE CONTRACT
UNIT PRICE PER EACH FOR PERMANENT
SURVEY MARKERS, TYPE II.

PERMANENT SURVEY MARKERS, TYPE II



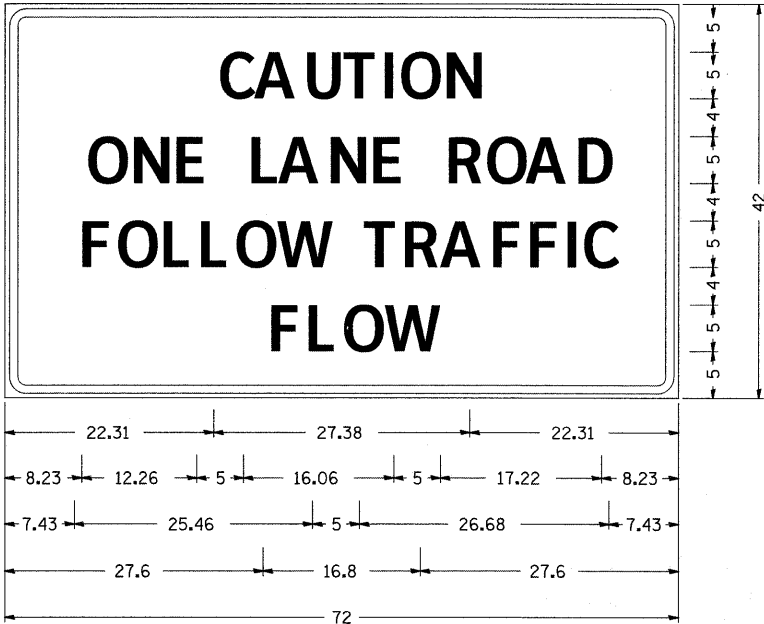
BRASS OR ALUMINUM TABLET

DETAIL A

CAST-IN-PLACE MARKER

REVISED - 10-21-08	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					742	37R-3	OGLE	345	230
REVISED -					CONTRACT NO. 84788				
REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS



Type AA Fluorescent Orange Sheeting ;
2.25" Radius, 0.88" Border, 0.50" Indent, Black on Orange;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

Table Of Widths And Spaces

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31			
8.23	O	3.51	1.17	N	3.36	1.18	E	3.04																
				L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05										
				R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23									
7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37							
				T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60												

GENERAL NOTES

THIS SIGN SHALL BE INSTALLED AT ENTRANCES LOCATED BETWEEN THE TEMPORARY SIGNALS AS DIRECTED BY THE ENGINEER.

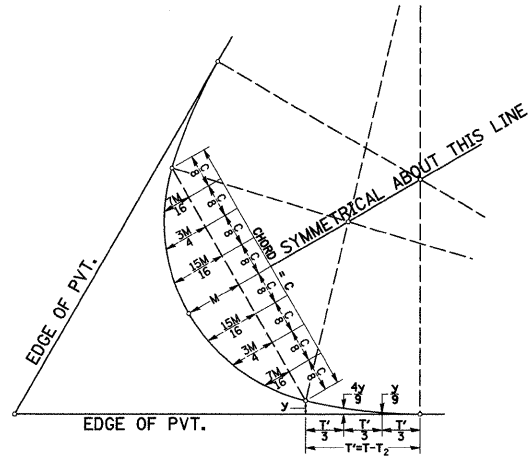
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

THE COST TO FURNISH, INSTALL AND REMOVE THIS SIGN AT THE REQUIRED LOCATIONS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION STANDARD 701321.

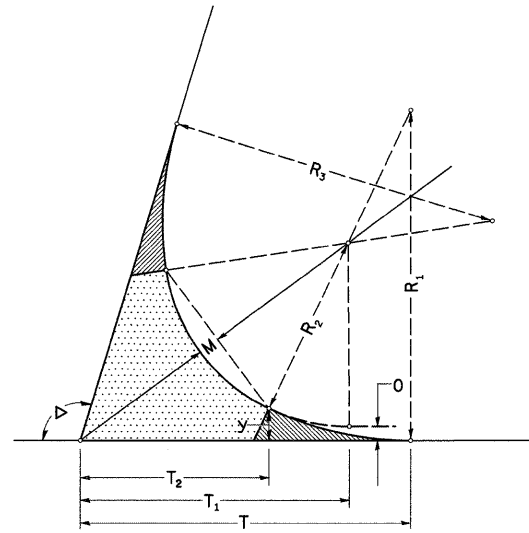
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 10-28-05

THREE CENTER CURVE DATA



FIELD LAYOUT METHOD



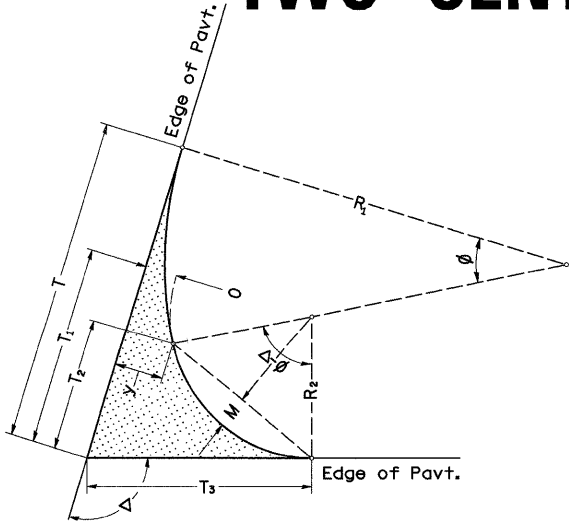
FOR SYMMETRICAL CURVES

SYMMETRICAL CURVES

CURVE #							
R ₁							
R ₂							
R ₃							
O							
Δ							
T							
T ₁							
T ₂							
T'							
y							
4y/9							
y/9							
M							
15M/16							
3M/4							
7M/16							
C							

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TWO CENTER CURVE DATA



TWO CENTER CURVES

CURVE #	1	2	3				
R ₁	75.00	100.00	200.00				
R ₂	30.00	35.00	40.00				
O	7.50	10.00	10.00				
Δ	158.82	132.70	111.57				
T	204.69	123.79	118.45				
T ₁	179.81	89.15	62.78				
T ₂	163.23	70.49	48.86				
T ₃	181.21	93.52	69.58				
y	12.50	15.38	12.50				
4y/9	5.56	6.84	5.56				
y/9	1.39	1.71	1.39				
M	16.21	12.62	12.01				
15M/16	15.20	11.83	11.26				
3M/4	12.16	9.46	9.01				
7M/16	7.09	5.52	5.26				
C	53.28	53.82	57.16				

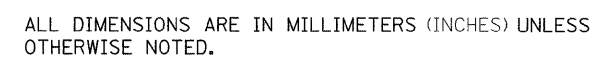
REVISED - 3-22-90	
REVISED -	
REVISED -	
REVISED -	

REGION 2 / DISTRICT 2 STANDARD			
SCALE: 50.0000' / IN	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 742	SECTION 37R-3	COUNTY OGLE	TOTAL SHEETS 345	SHEET NO. 231
CONTRACT NO. 84788				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

The diagram illustrates a 90-degree intersection between a mainline road and a side road. The mainline road is oriented vertically, and the side road is oriented horizontally. Key dimensions and labels include:

- Vertical Road Labels:**
 - Top: ϕ SIDEROAD
 - Bottom: ϕ MAINLINE
- Horizontal Road Labels:**
 - Left: END MAINLINE 200 (8) SHLDR.
 - Right: END MAINLINE 200 (8) SHLDR.
- Intersection Labels:**
 - Top: R-VARIES
 - Bottom: R-VARIES
- Dimensions:**
 - Horizontal distance from the mainline centerline to the side road centerline: 3.9 m (13 ft) & VAR
 - Horizontal distance from the side road centerline to the mainline centerline: 3.9 m (13 ft) & VAR
 - Horizontal distance from the mainline centerline to the side road edge line: 300 (12)
 - Horizontal distance from the side road edge line to the mainline centerline: 300 (12)
 - Horizontal distance from the mainline centerline to the side road shoulder edge line: 1.2 m (4 ft)
 - Horizontal distance from the side road shoulder edge line to the mainline centerline: 1.2 m (4 ft)
- Other Labels:**
 - VAR (Variable)
 - STRIPED EDGE LINE



TYPICAL AGGREGATE BASE SIDEROAD

PLOT DATE = Fri May 01 08:45:23 2009

REVISED -	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					742	37R-3	OGLE	345	232
REVISED -					CONTRACT NO. 84788				
REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: 50.0000' / IN SHEET NO. OF SHEETS STA. TO STA.									

STORM WATER POLLUTION PREVENTION PLAN

EROSION CONTROL PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF THE COMPLETE REMOVAL AND REPLACEMENT OF PAVEMENT, SHOULDERS, AND 7 CULVERTS; PLUS THE ADDITION OF TURN LANES, CURB AND GUTTER, STORM SEWER, GUARDRAIL, DITCHING, PAVEMENT MARKING, AND ALL INCIDENTAL WORK.

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:

THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING, EMBANKMENT, EXCAVATION, GRADING AND PAVING. THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 21.00 ACRES
PROPOSED R.O.W (TOTAL PARCEL AREA) 5.70 ACRES
DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 21.00 ACRES

SUPPORTING REPORTS AND PLANS

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE
ROCK RIVER

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES
STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:
PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

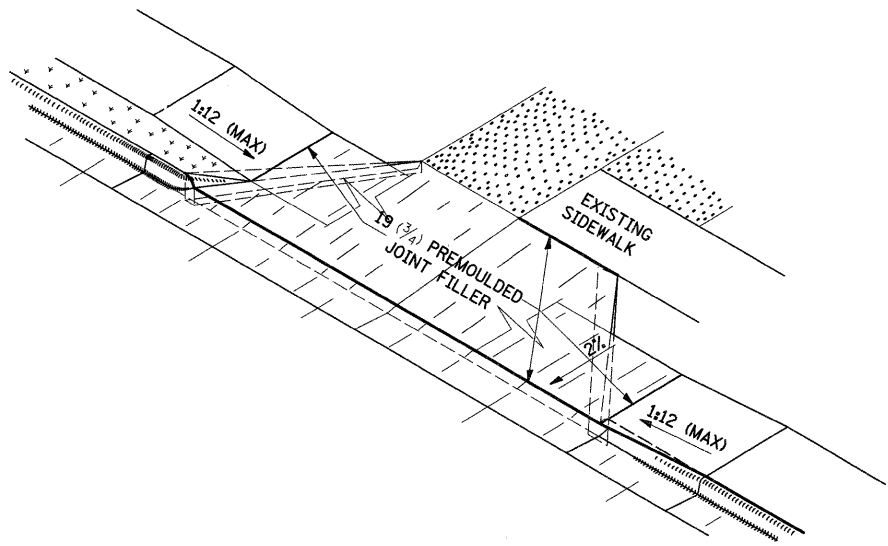
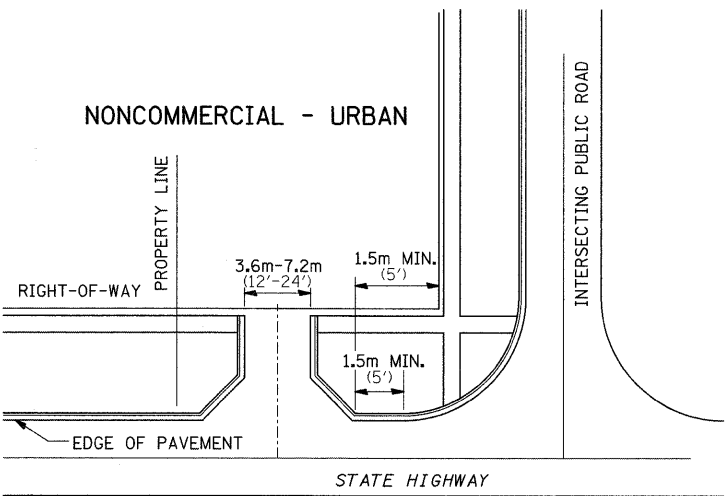
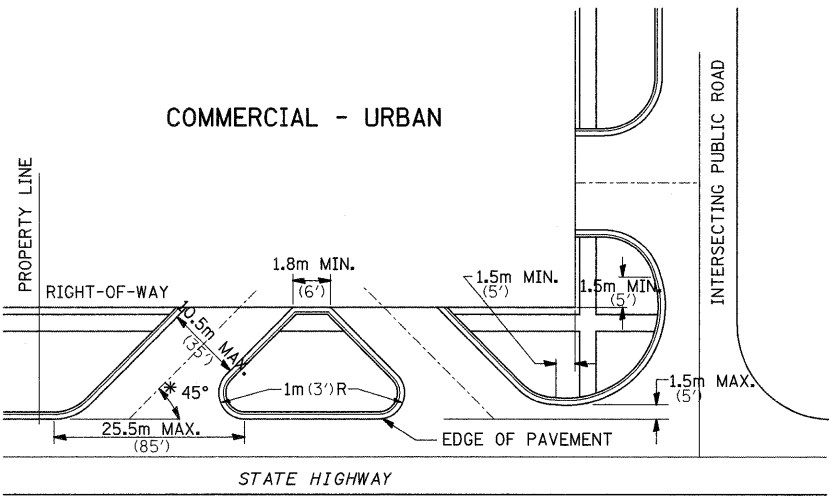
STABILIZATION PRACTICES DURING CONSTRUCTION:
AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

MAINTENANCE AFTER FINAL GRADING
TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEEDDED.

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED - 5-12-04	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 84788				
	PLOT DATE = Fri May 01 08:45:20 2009	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

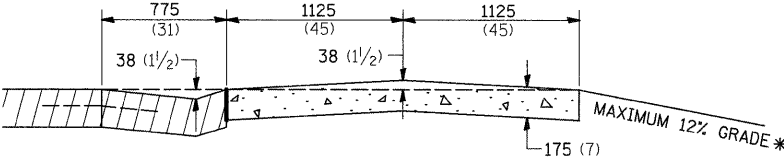
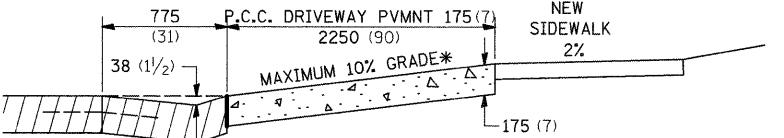
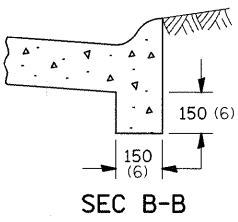
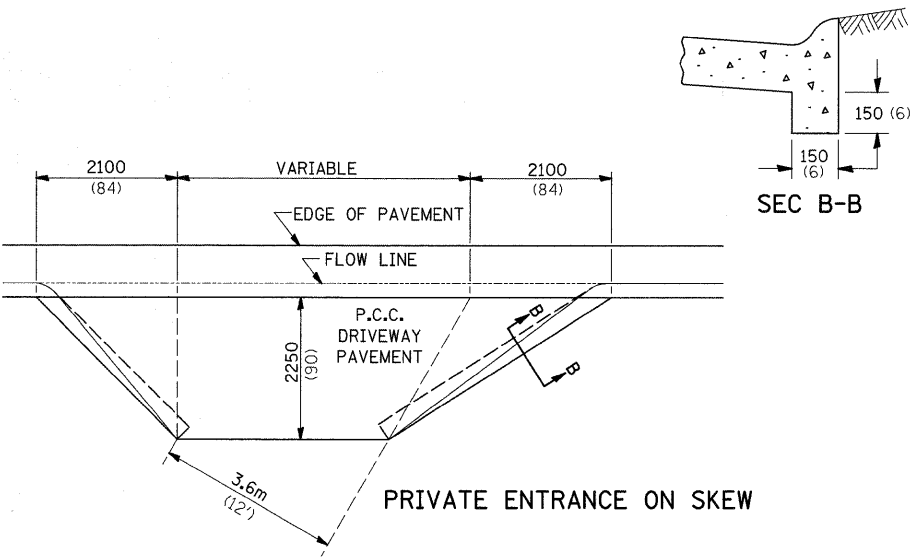
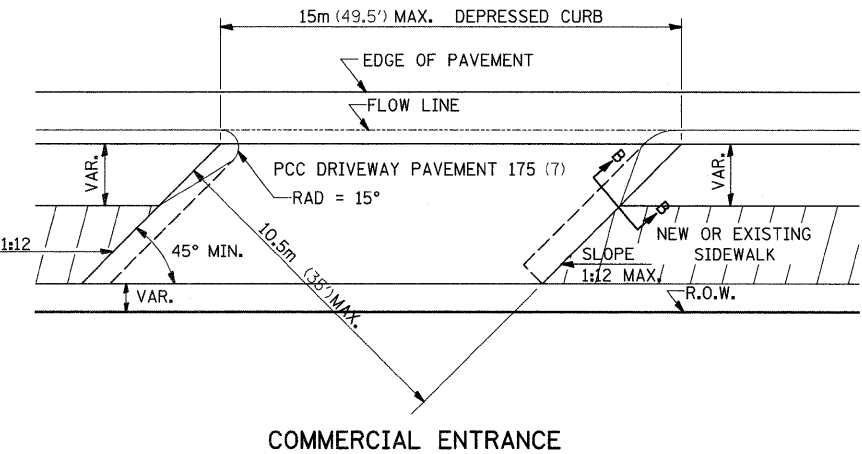
ENTRANCE APPROACHES – URBAN AREA

TYPICAL APPLICATION OF ENTRANCES

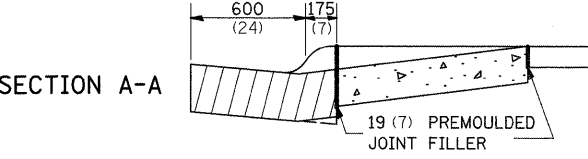
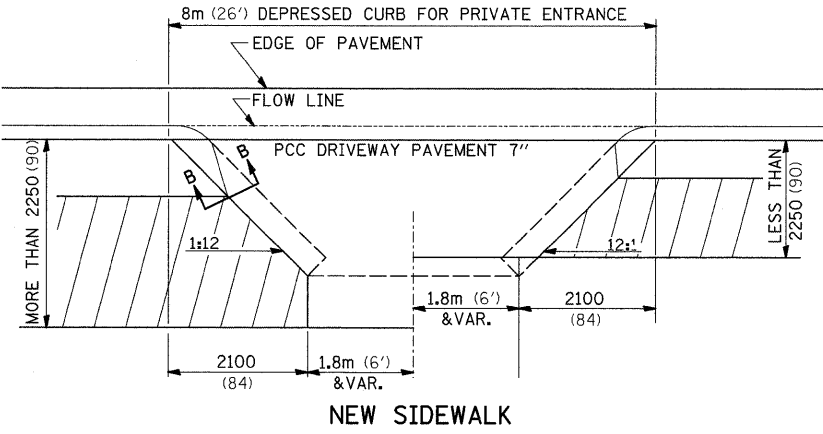
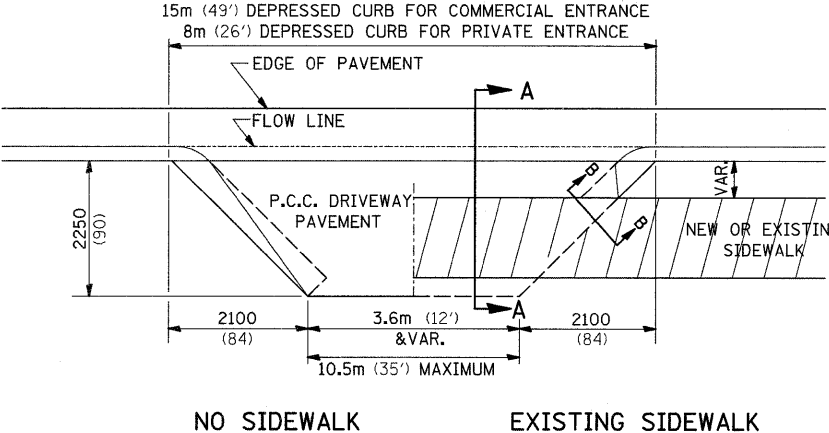


WHEN THE ISLAND BETWEEN DRIVES IS LESS THAN 7.5m (25') LONG OR LESS THAN 10 FEET WIDE, IT SHALL BE DEFINED BY CURBS, MASONRY, OR OTHER DEVICES.

* 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.



* IN CASES WHERE GRADE EXCEEDS 10%, THE RESIDENT ENGINEER SHALL CHECK WITH DISTRICT DESIGN OFFICE TO DETERMINE NEW APPROACH GRADE. PARTICULAR ATTENTION SHALL BE PAID TO THE NEGATIVE GRADE TO PREVENT DRAINAGE FROM OVER FLOWING INTO THE PRIVATE ENTRANCE.

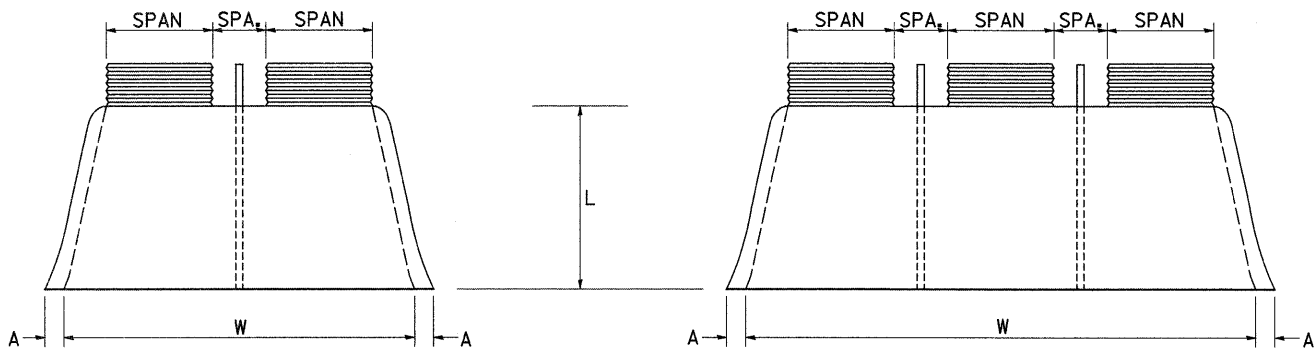


THE VARIABLE HEIGHT INTEGRAL CURB AND PREMOULDED JOINT FILLER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED.

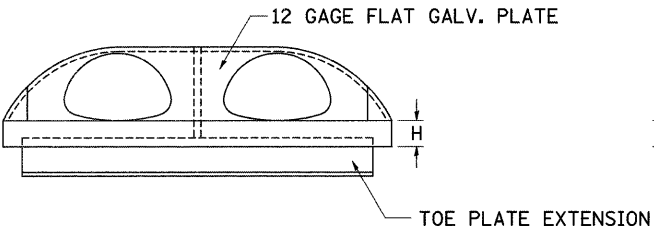
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED - 1-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01\pw_work\PWIDOT\CUSHMANBW\dms34123\dwg\6486sp169.dgn		DRAWN -	REVISED -									742	37R-3	OGLE	345	234
		CHECKED -	REVISED -									CONTRACT NO. 84788				
		DATE -	REVISED -									FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ENTRANCE APPROACHES – URBAN AREA						

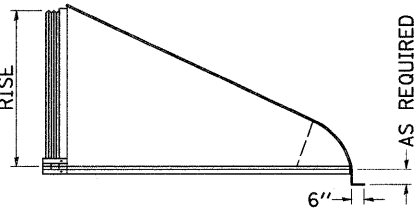
CORRUGATED STEEL PIPE MULTIPLE END SECTIONS



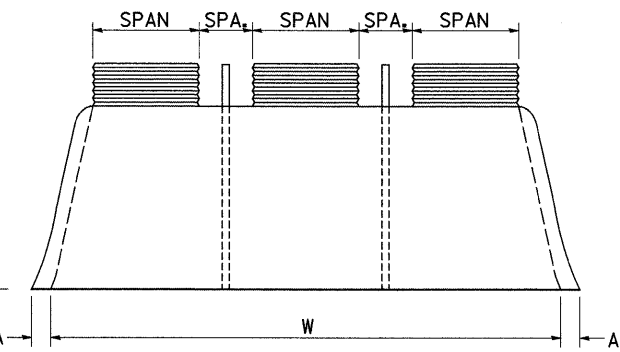
PLAN



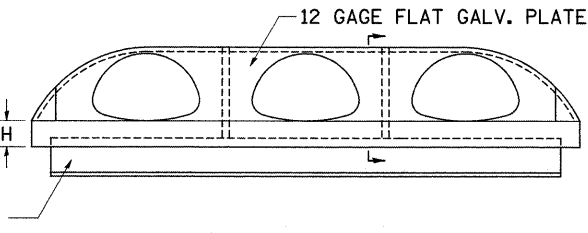
ELEVATION



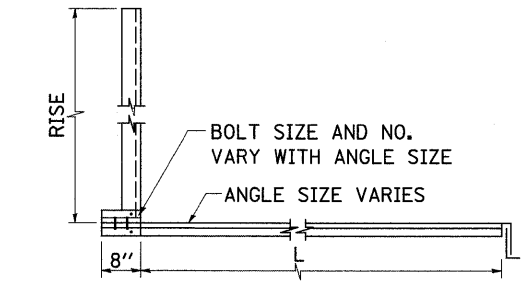
SIDE VIEW



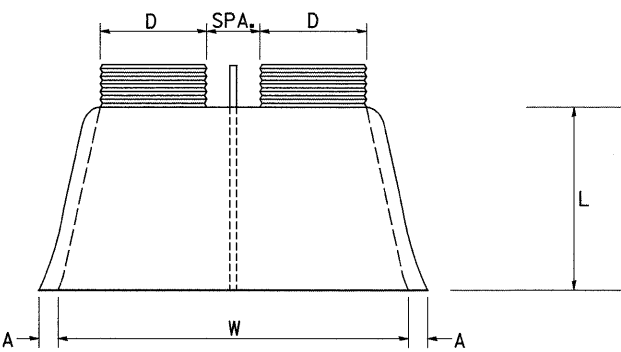
PLAN



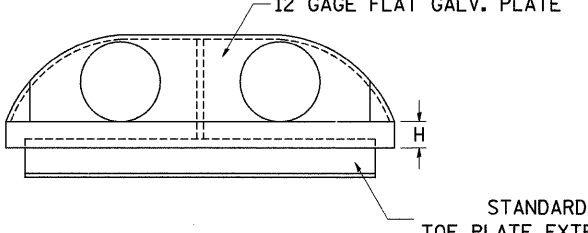
ELEVATION



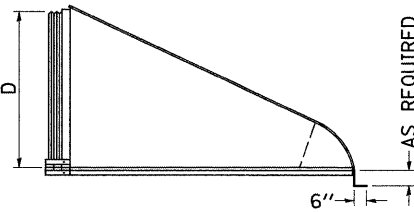
SECTION VIEW



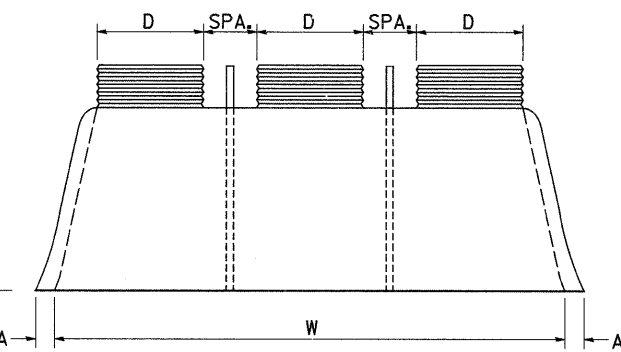
PLAN



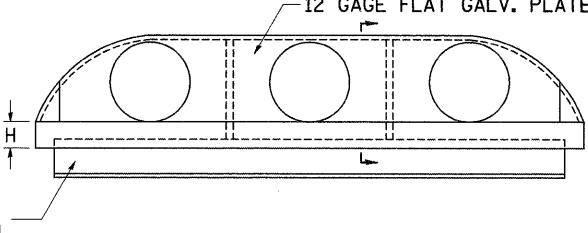
ELEVATION



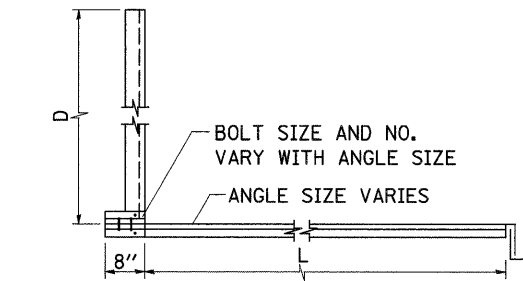
SIDE VIEW



PLAN



ELEVATION



ANGLE SECTION VIEW

GENERAL NOTES

THE END SECTIONS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR CORRUGATED STEEL PIPE MULTIPLE END SECTIONS OF THE SIZE SPECIFIED.

PIPE-ARCH MULTIPLE INLET END SECTIONS									
SPAN x RISE 2-2/3" x 1/2"	EQUIV. ROUND	GAGE	SPA. (In)	A (In)	H (In)	L (In)	DOUBLE W	TRIPLE W	REINFORCING ANGLE
17 x 13	15	16	12	6 1/2	6	20	59	88	2 x 2 x 1/4
21 x 15	18	16	12	7 1/2	6	24	69	102	2 x 2 x 1/4
24 x 18	21	16	12	8	6	28	78	114	2 x 2 x 1/4
28 x 20	24	16	12	8	6	32	88	128	5 x 3 x 1/4
35 x 24	30	14	12	10	6	39	107	154	5 x 3 x 1/4
42 x 29	36	14	14	12	7 1/2	46	131	187	5 x 3 x 1/4
49 x 33	42	12	17	13 1/2	9	53	150	216	5 x 3 x 1/4
57 x 38	48	12	19	18 1/2	12	62	166	242	6 x 4 x 3/8
64 x 43	54	12	22	18	12	69	188	274	6 x 4 x 3/8
71 x 47	60	12/10	24	18 1/2	12	77	209	304	6 x 4 x 3/8
77 x 62	66	12/10	26	18	12	77	229	332	6 x 4 x 3/8
83 x 67	72	12/10	28	18	12	77	243	354	6 x 4 x 3/8
SPAN x RISE 3"x1" & 5"x1"	EQUIV. ROUND	GAGE	SPA. (In)	A (In)	H (In)	L (In)	DOUBLE W	TRIPLE W	REINFORCING ANGLE
60 x 46	54	12	20	18	12	70	182	262	6 x 4 x 3/8
66 x 51	60	12/10	22	18	12	77	202	290	6 x 4 x 3/8
73 x 55	66	12/10	25	18	12	77	224	322	6 x 4 x 3/8
81 x 69	72	12/10	27	18	12	77	246	354	6 x 4 x 3/8

ROUND PIPE MULTIPLE INLET END SECTIONS									
PIPE DIA. (D) (In)	GAGE	SPA. (In)	A (In)	H (In)	L (In)	DOUBLE W	TRIPLE W	REINFORCING ANGLE	
12	16	12	6 1/2	6	21	48	72	2 x 2 x 1/4	
15	16	12	7 1/2	6	26	57	84	2 x 2 x 1/4	
18	16	12	8	6	31	66	96	2 x 2 x 1/4	
21	16	12	10	6	36	75	108	2 x 2 x 1/4	
24	16	12	10	6	41	84	120	5 x 3 x 1/4	
30	14	15	12 1/4	8	51	102	147	5 x 3 x 1/4	
36	14	18	14 1/2	9	60	126	180	5 x 3 x 1/4	
42	12	21	17	10 1/2	69	147	210	5 x 3 x 1/4	
48	12	24	18 1/2	12	79	162	234	6 x 4 x 7/16	
54	12	27	18 1/2	12	84	183	264	6 x 4 x 7/16	
60	12/10	30	18	12	88	204	294	6 x 4 x 7/16	
66	12/10	33	18	12	87	219	318	6 x 4 x 7/16	
72	12/10	36	18	12	88 1/2	228	336	6 x 4 x 7/16	
78	12/10	36	18	12	87 1/2	252	366	6 x 4 x 7/16	
84	12/10	36	18	12	87 1/2	254	384	6 x 4 x 7/16	

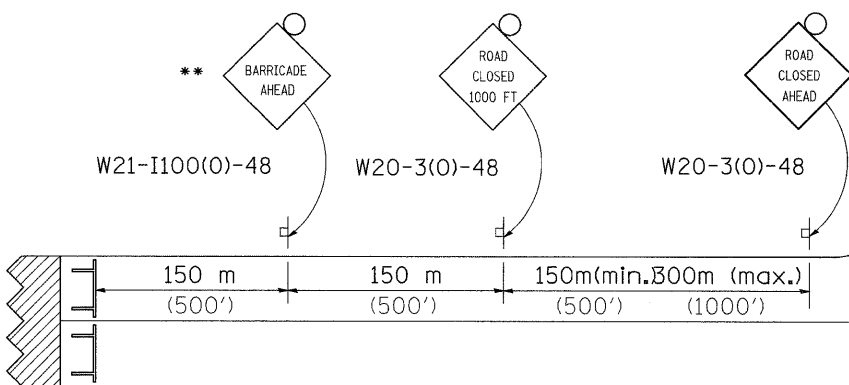
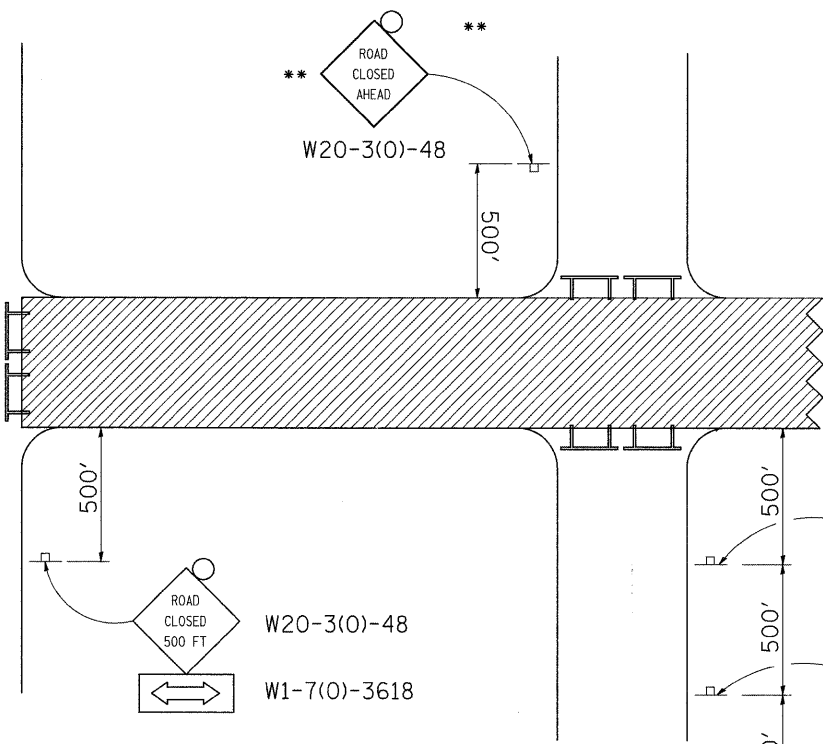
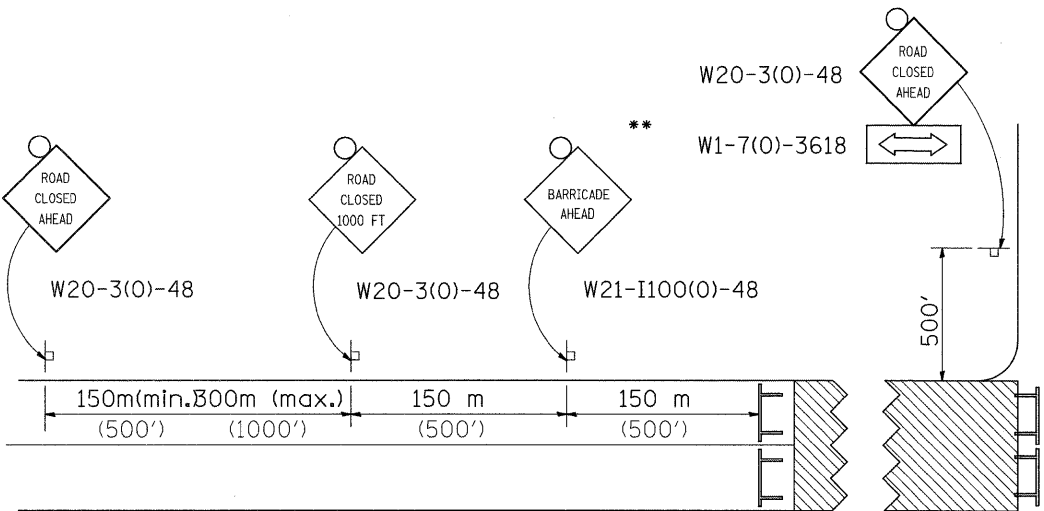
NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED - 1-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	F.A.P. RTE. 742	SECTION 37R-3	COUNTY OGLE	TOTAL SHEETS 345	SHEET NO. 235
ct\pw_work\PW\DOT\CUSHMANBW\dms34123\dms34123.dgn		DRAWN -	REVISED -									
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -									
PLOT DATE = Fri May 01 08:45:21 2009		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

TRAFFIC CONTROL FOR ROAD CLOSURE

CONDITION II

Minor
Sideroad Closure



GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.

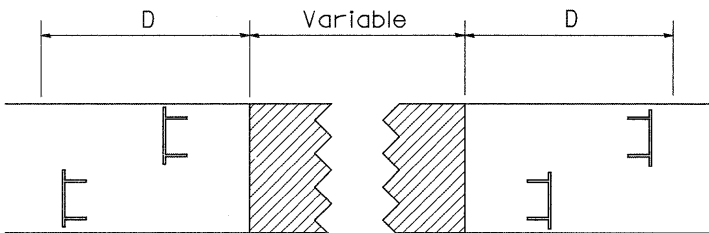
Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

All dimensions are in millimeters (inches) unless otherwise shown.

TYPICAL APPLICATION
FOR ROAD CLOSURE

ROAD CLOSED TO THRU TRAFFIC
BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To All Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 600 m (2000') an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

SYMBOLS



Work area



Type III Barricade with Flashers



Sign with flashing light

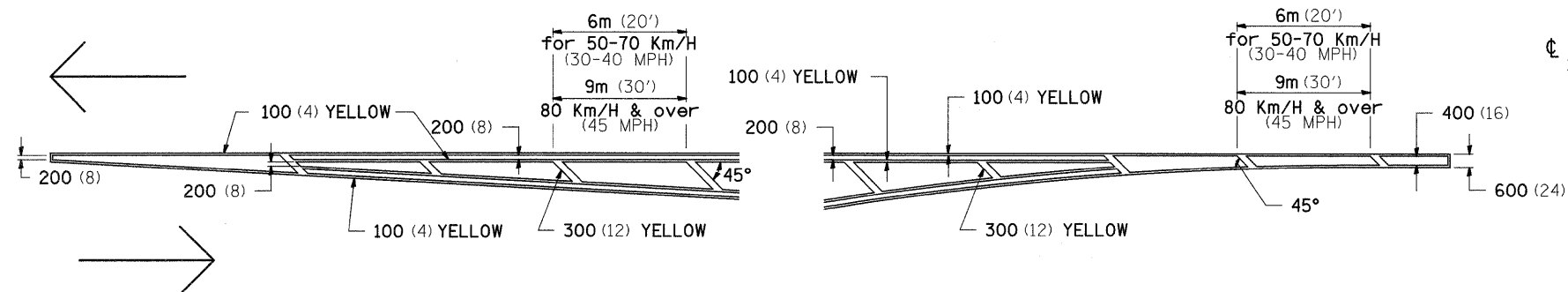
CONDITION I

Major
Sideroad Closure

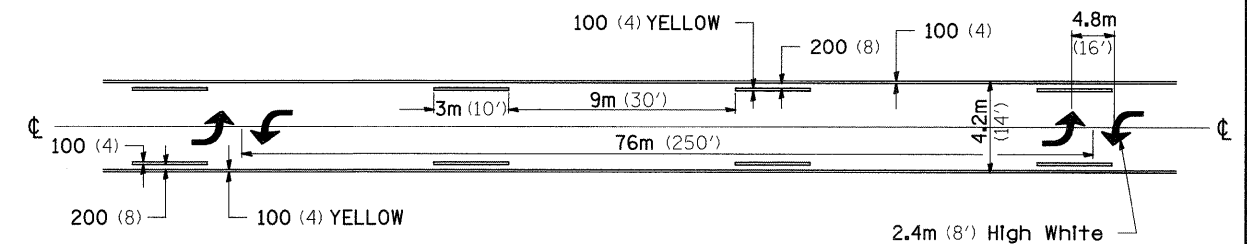
FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED - 1-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct\pw\work\PW\DOT\CUSHMANBW\dms34123\dwg\6486sp169.dgn		DRAWN -	REVISED -									742	37R-3	OGLE	345	236
		CHECKED -	REVISED -													
		DATE -	REVISED -													
												CONTRACT NO. 84788				

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

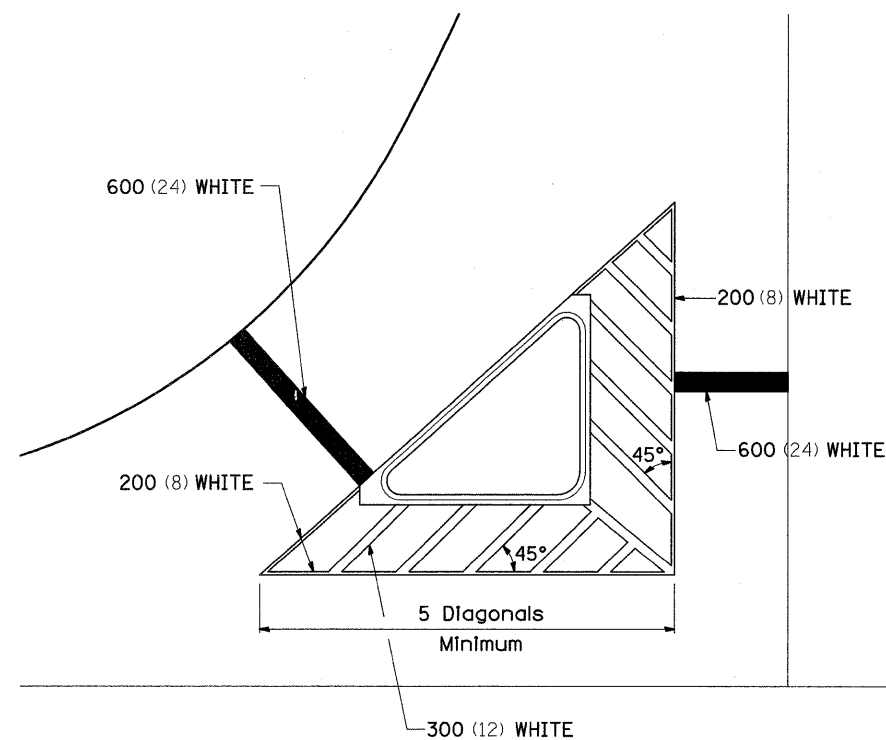


MEDIAN PAVEMENT MARKING

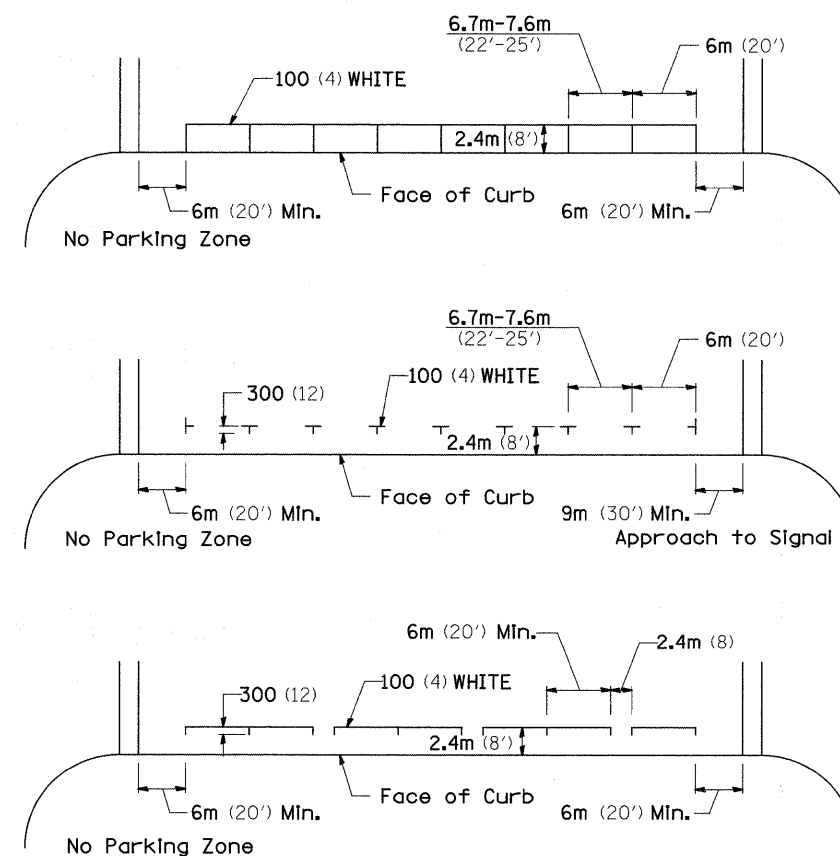


** ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

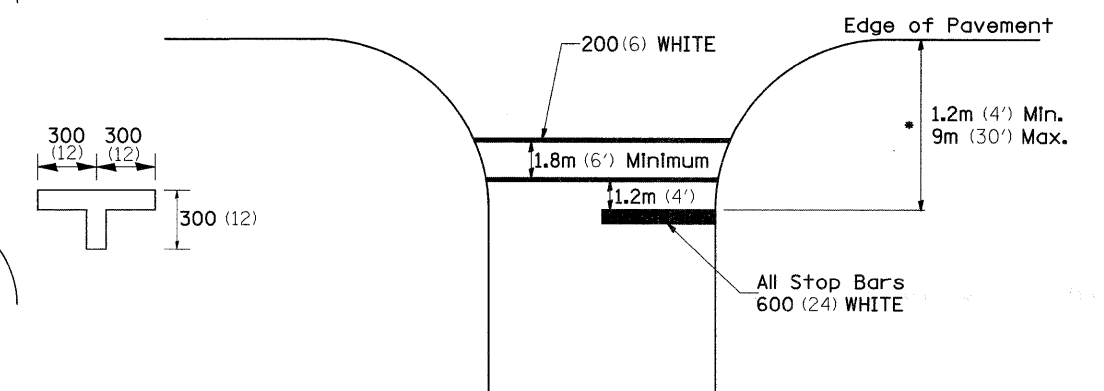


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations

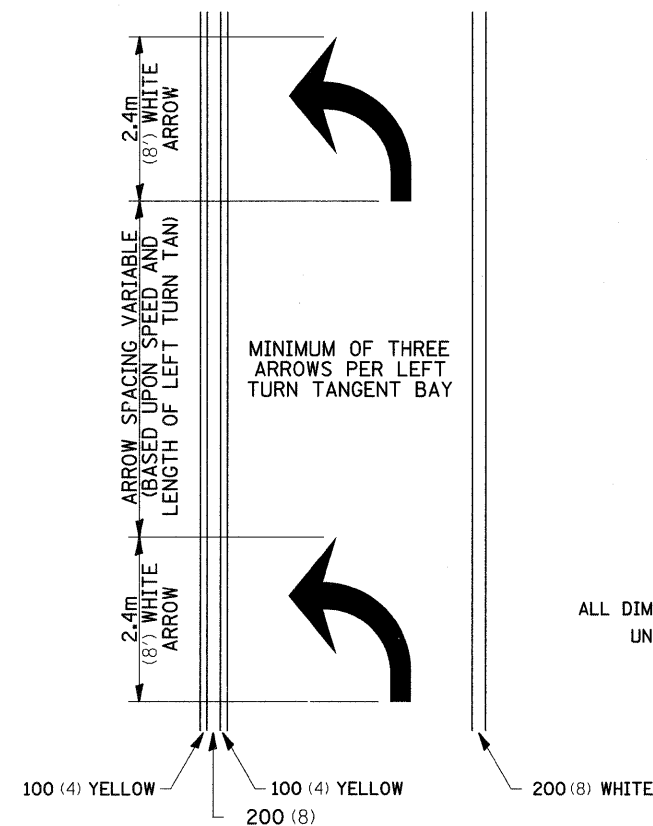


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED - 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\PWIDOT\CUSHMANBW\dms34123\dwg\6486sp169.dgn		DRAWN -	REVISED -									742	37R-3	OGLE	345	237
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PLOT DATE = Fri May 01 08:45:23 2009		DATE -	REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT



- ▲ ONE-WAY AMBER MARKER
- △ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

12.2m (40') O.C. APPROACH SIDE ONLY

See Typical Drawing at right

1.2m (4') MINIMUM

200 (8) WHITE

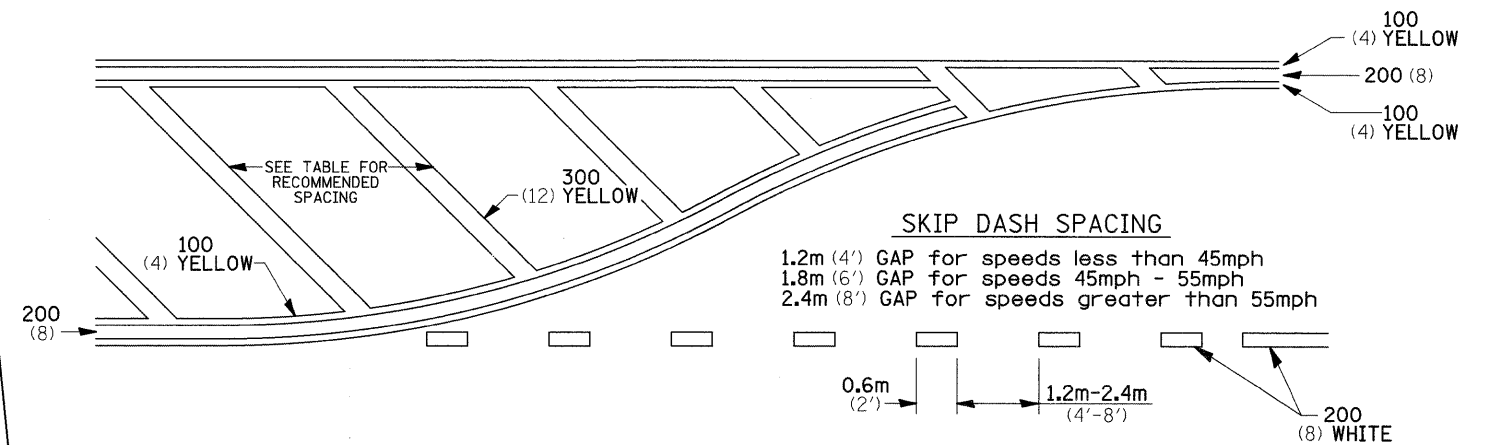
300 (12) WHITE

200 (8) WHITE

See Typical Drawing above

12.2m (40') O.C. APPROACH SIDE ONLY

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN

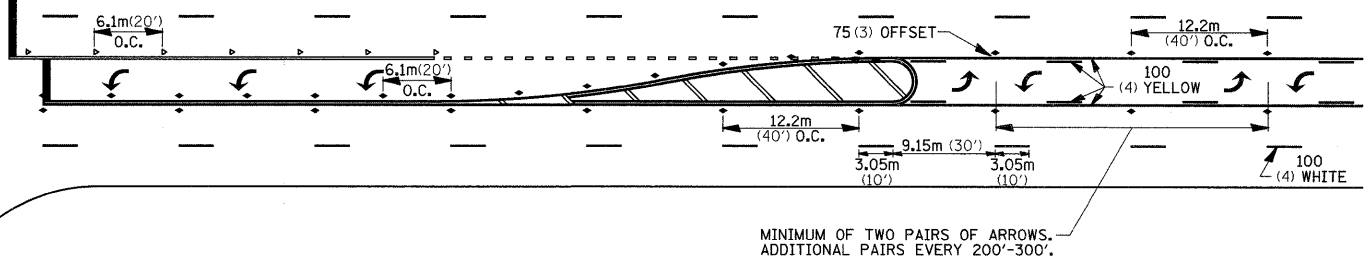
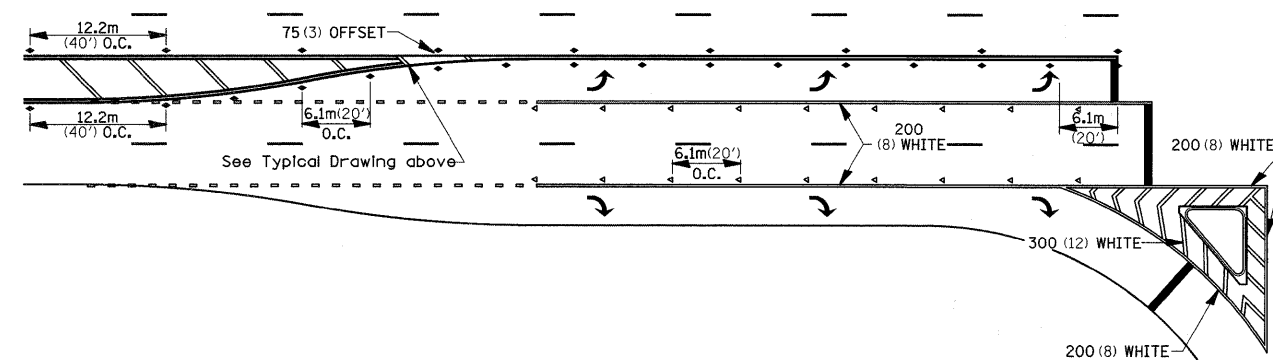


RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

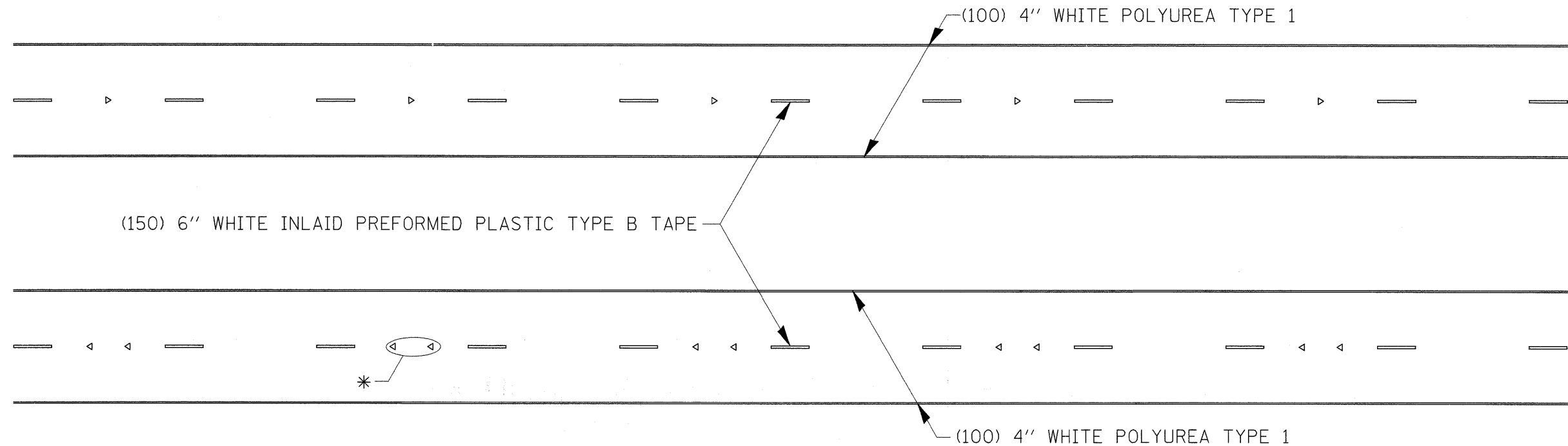
NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.

150 (6) WHITE CROSSWALK LINES



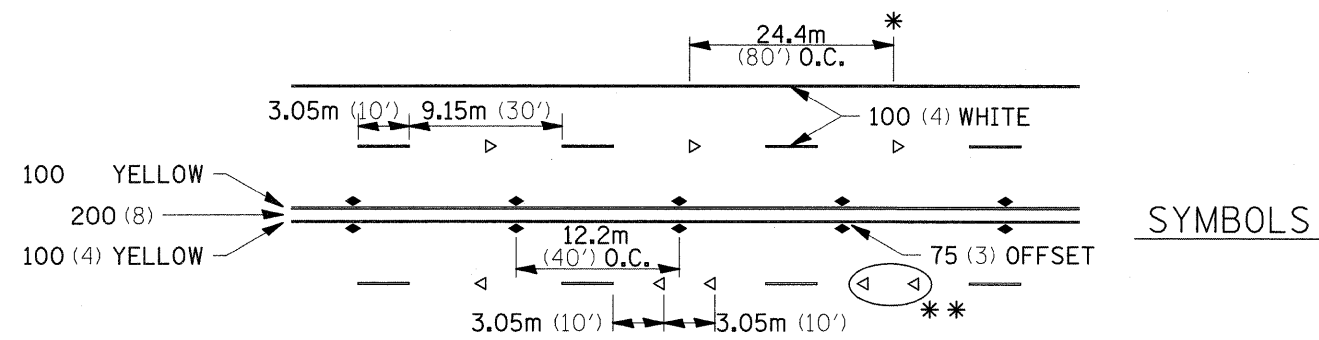
MINIMUM OF TWO PAIRS OF ARROWS. ADDITIONAL PAIRS EVERY 200'-300'.

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT $\geq$ 25,000.

MULTI-LANE / DIVIDED

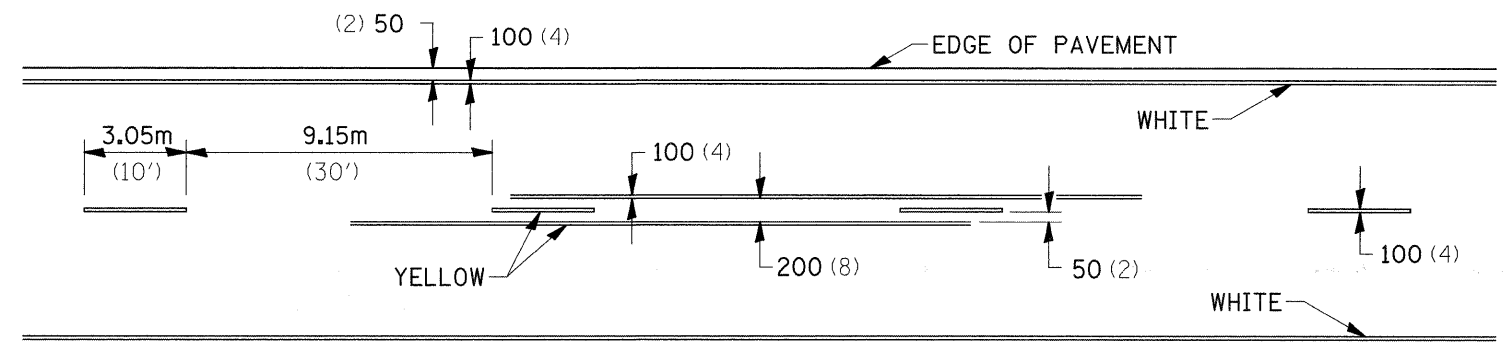


* REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15Km/H (10MPH) LOWER THAN POSTED SPEEDS.

** USE DOUBLE MARKERS WHEN ADT $\geq$ 25,000

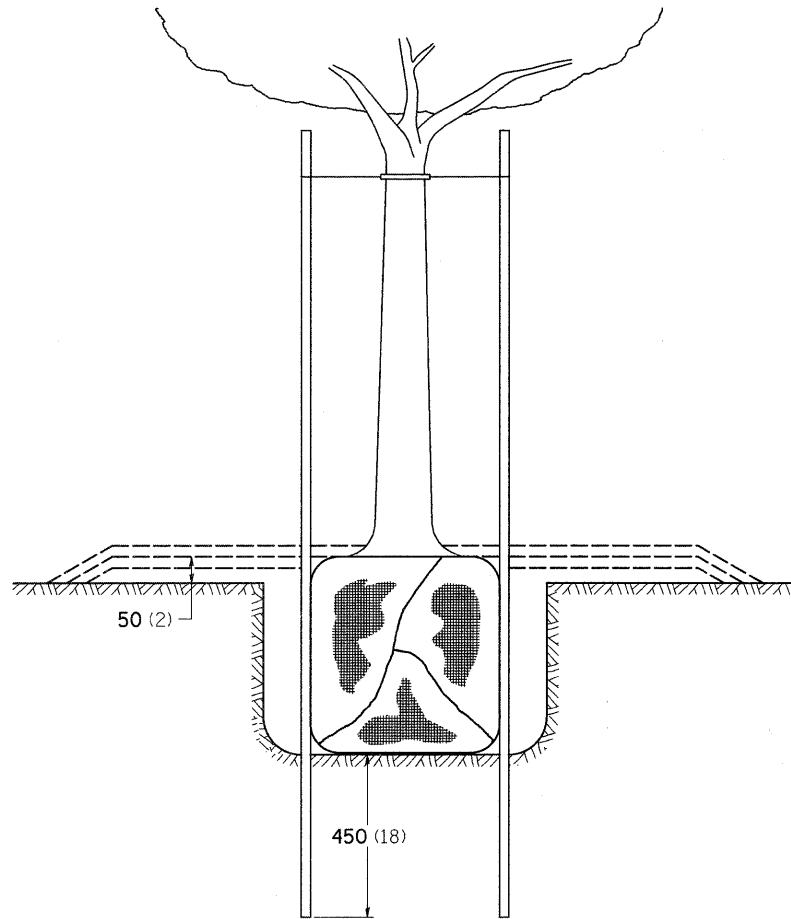
MULTI-LANE / UNDIVIDED

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES

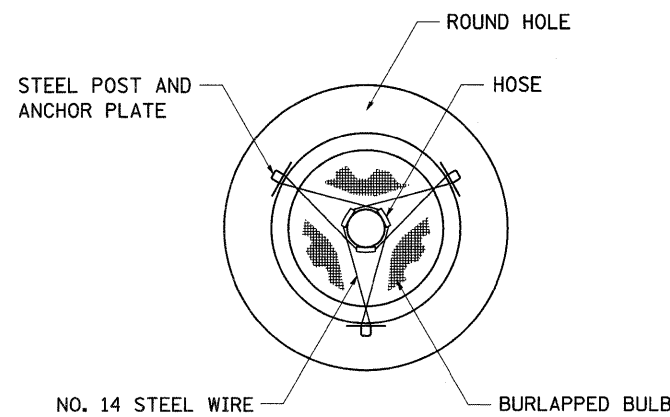


FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED - 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\PWIDOT\CUSHMANBW\dms34123\dwg\6486sp169.dgn		DRAWN -	REVISED -						742	37R-3	OGLE	345	239
		CHECKED -	REVISED -						CONTRACT NO. 84788				
		DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

DETAILS OF PLANTING AND BRACING TREES

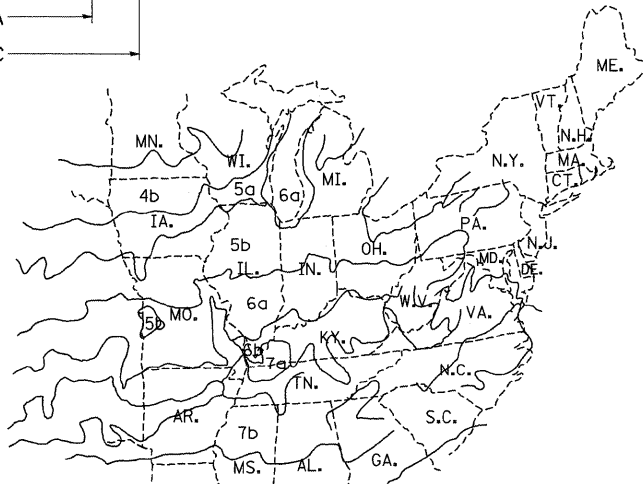
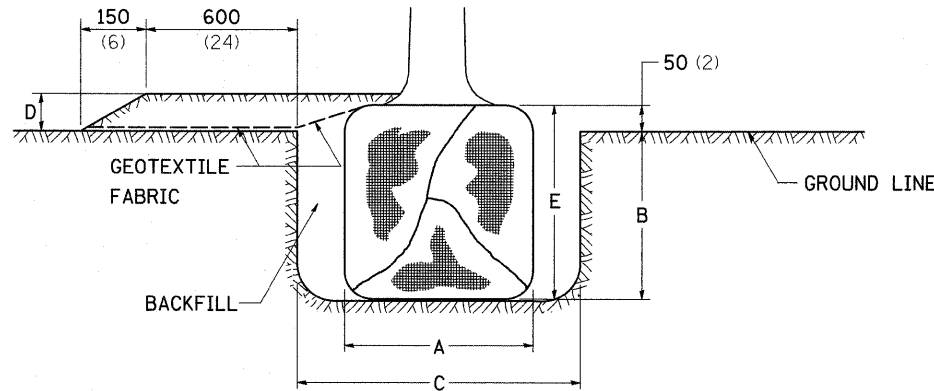


TREES SMALLER THAN 115 (4 1/2) IN DIAMETER



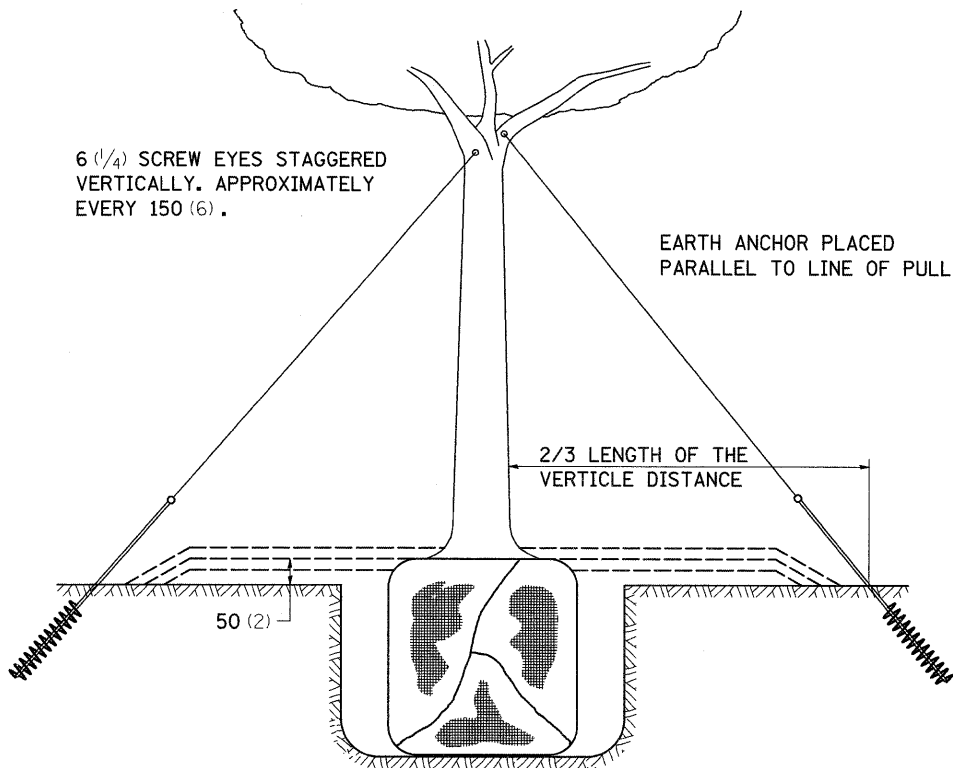
SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.8-2.0m (6'-7')	450 (18)	300 (12)	750 (30)	100 (4)	350 (14)	0.41 (0.54)
2.0-2.4m (7'-8') BB	500 (20)	275 (11)	750 (30)	100 (4)	325 (13)	0.41 (0.54)
2.4-3.0m (8'-10') BB	600 (24)	350 (14)	900 (36)	100 (4)	400 (16)	0.47 (0.61)
3.0-3.6m (10'-12') BB	650 (26)	375 (15)	900 (36)	100 (4)	425 (17)	0.47 (0.61)

LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
0-50 (0-2)	500 (20)	275 (11)	900 (36)	100 (4)	325 (13)	0.47 (0.61)
50-65 (2-2 1/2) BB	600 (24)	350 (14)	1200 (48)	100 (4)	400 (16)	0.60 (0.78)
65-75 (2 1/2-3) BB	700 (28)	425 (17)	1200 (48)	100 (4)	475 (19)	0.60 (0.78)
75-90 (3-3 1/2) BB	800 (32)	425 (17)	1500 (60)	100 (4)	475 (19)	0.73 (0.96)
90-100 (3 1/2-4) BB	900 (36)	500 (20)	1500 (60)	100 (4)	550 (22)	0.73 (0.96)
100-115 (4-4 1/2) BB	1000 (40)	550 (22)	1800 (72)	100 (4)	600 (24)	0.89 (1.16)
115-125 (4 1/2-5) BB	1100 (44)	600 (24)	1800 (72)	100 (4)	650 (26)	0.89 (1.16)
125-140 (5-5 1/2) BB	1200 (48)	675 (27)	2100 (84)	100 (4)	725 (29)	1.06 (1.38)

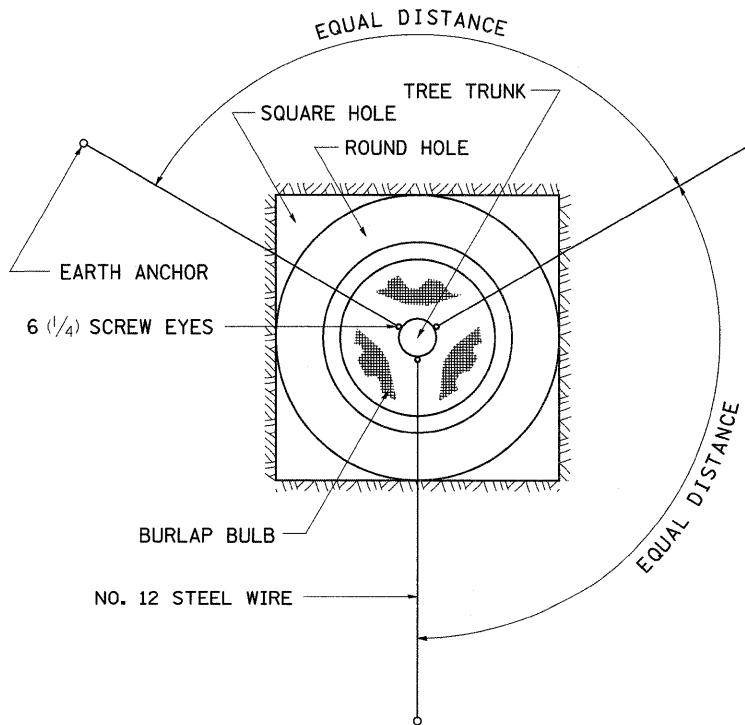


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



TREES OVER 115 (4 1/2) IN DIAMETER

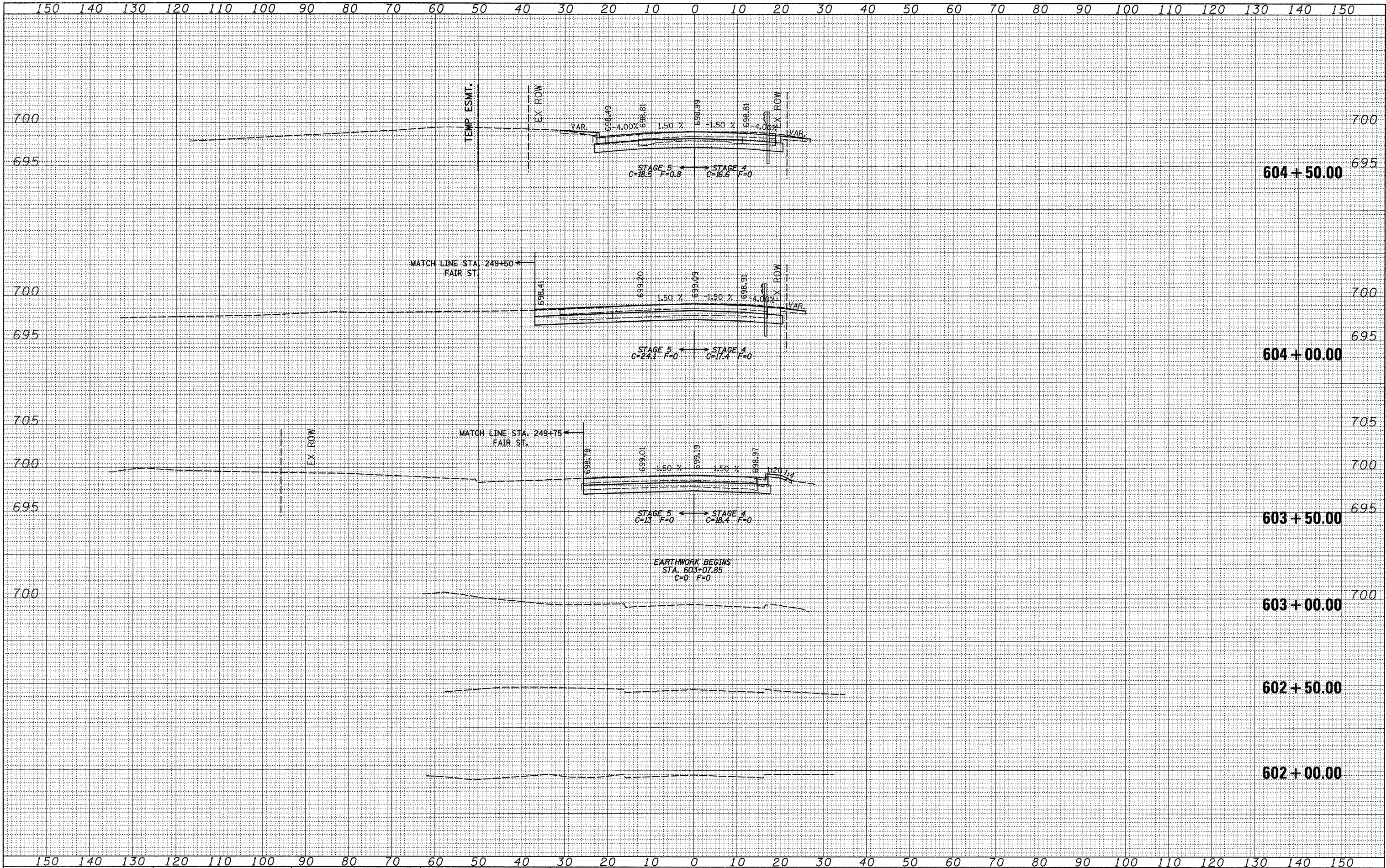


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE NOTED.

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		DATE -	REVISED -									ILLINOIS FED. AID PROJECT								

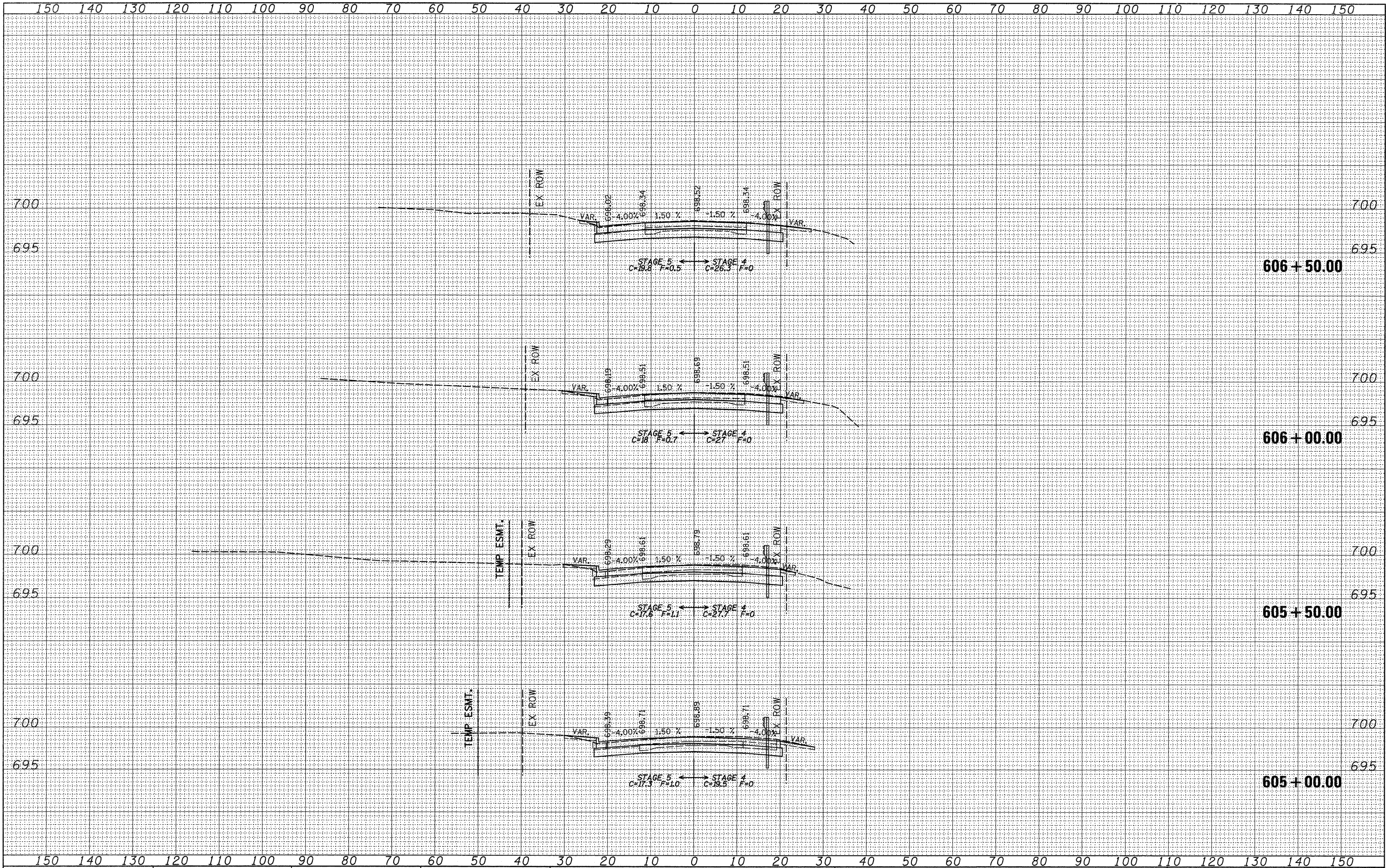
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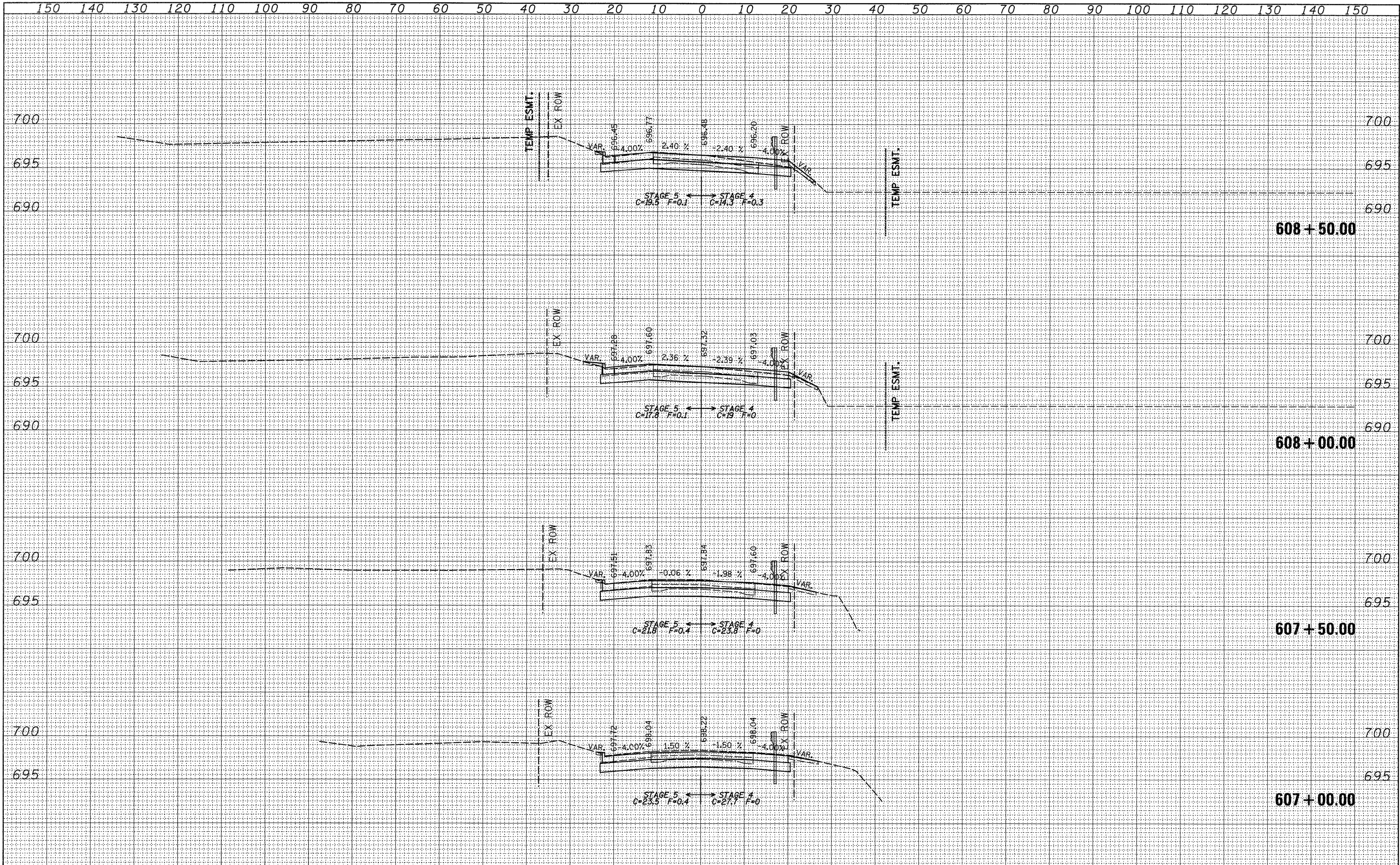
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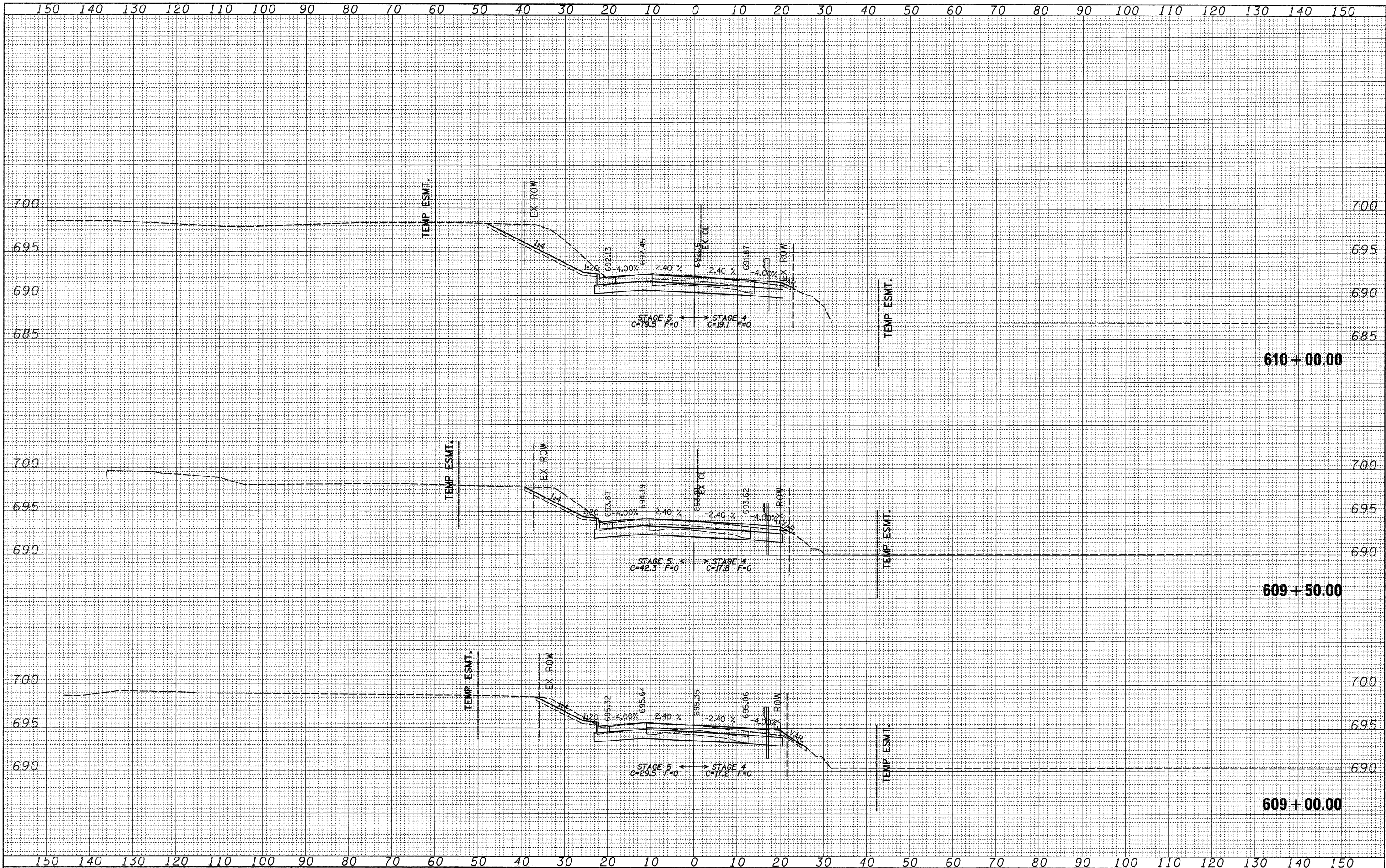
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DATE	BY	SURVEYED	PLOTTED	NOTED	AREAS	CHECKED



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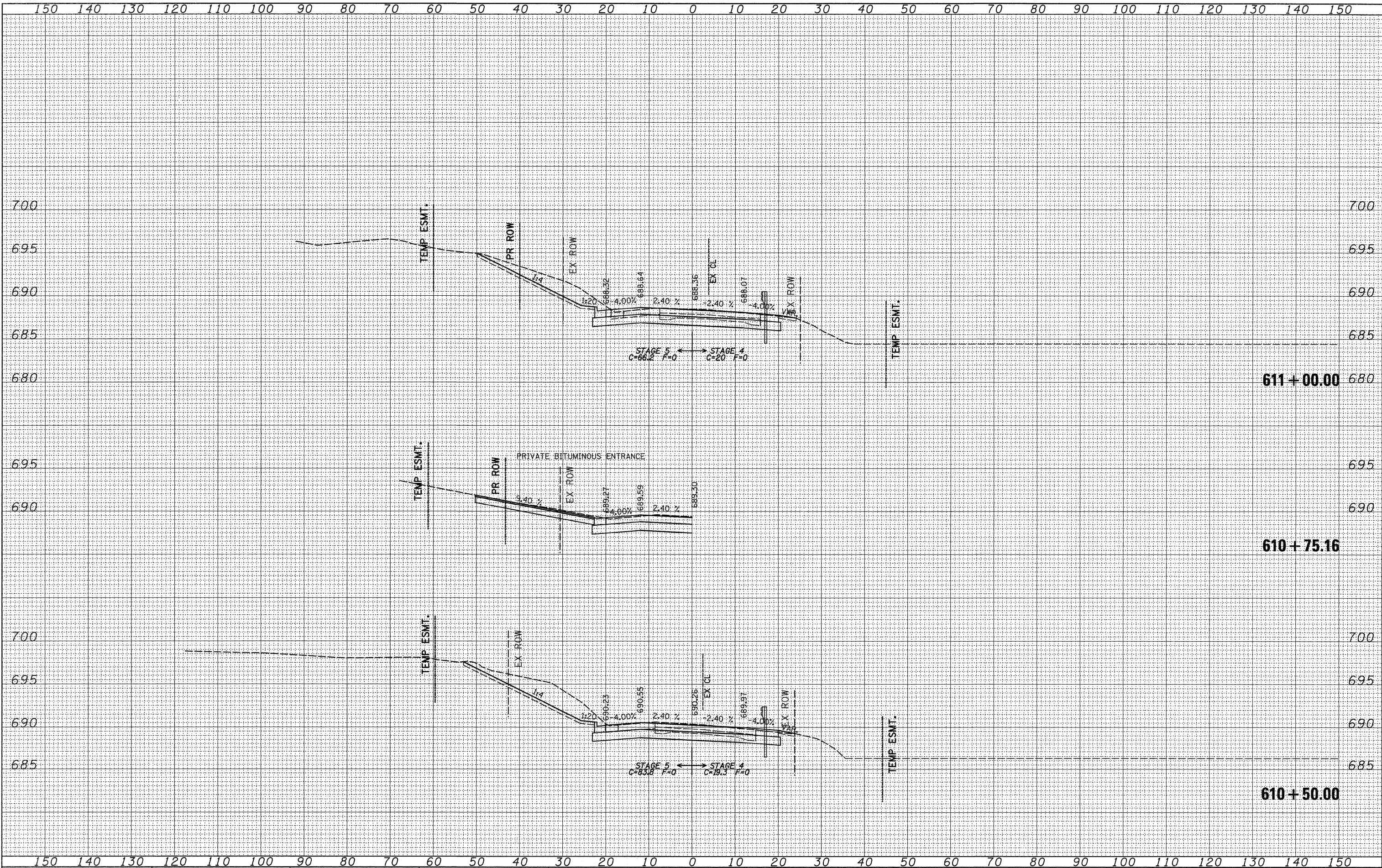
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NO.	AREAS CHECKED		



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PLOT DATE = Thu Apr 30 11:04:17 2009		DATE -	REVISED -									FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SCALE:				SHEET NO. OF SHEETS				STA. 609+00.00 TO STA. 610+00.00								

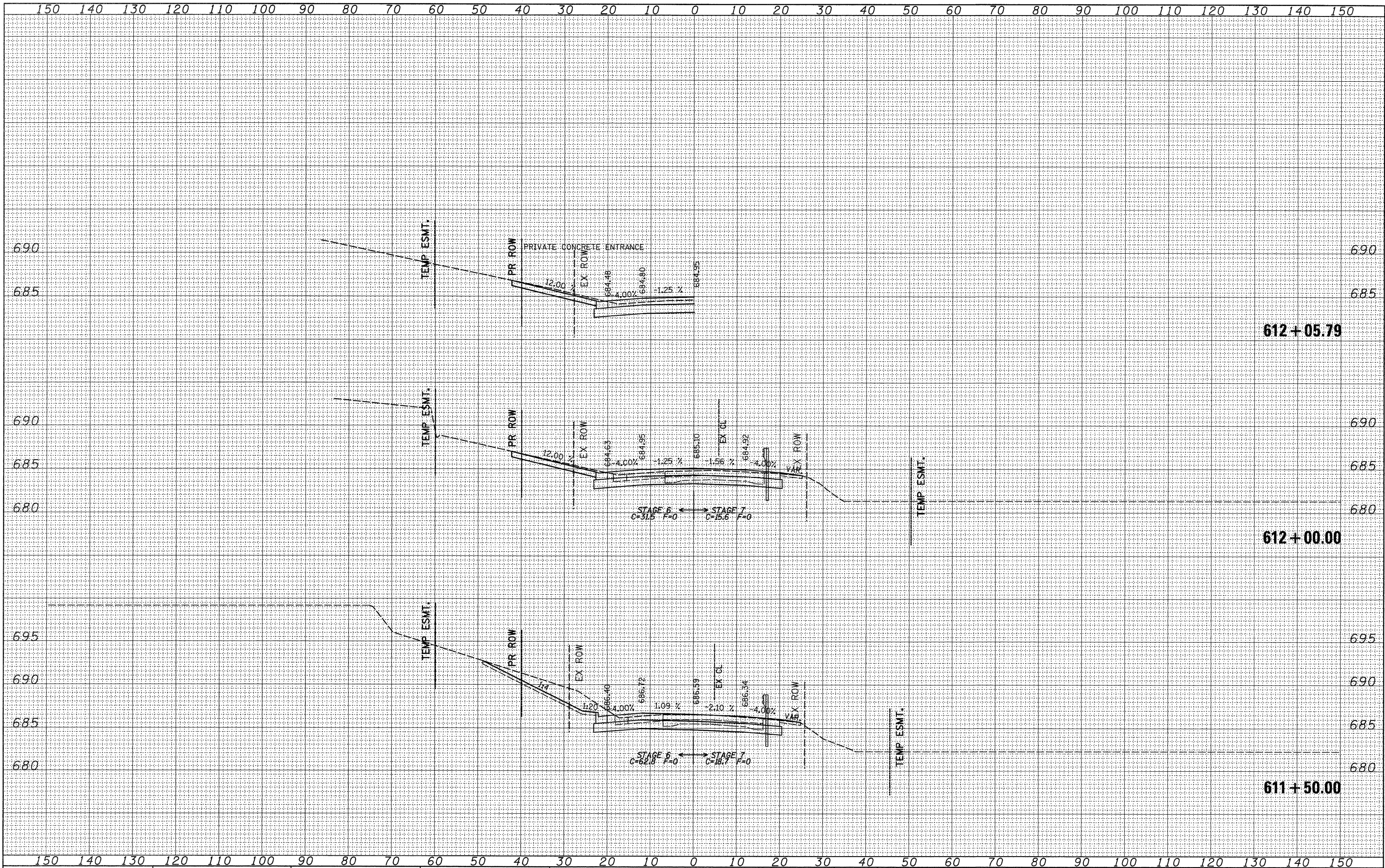
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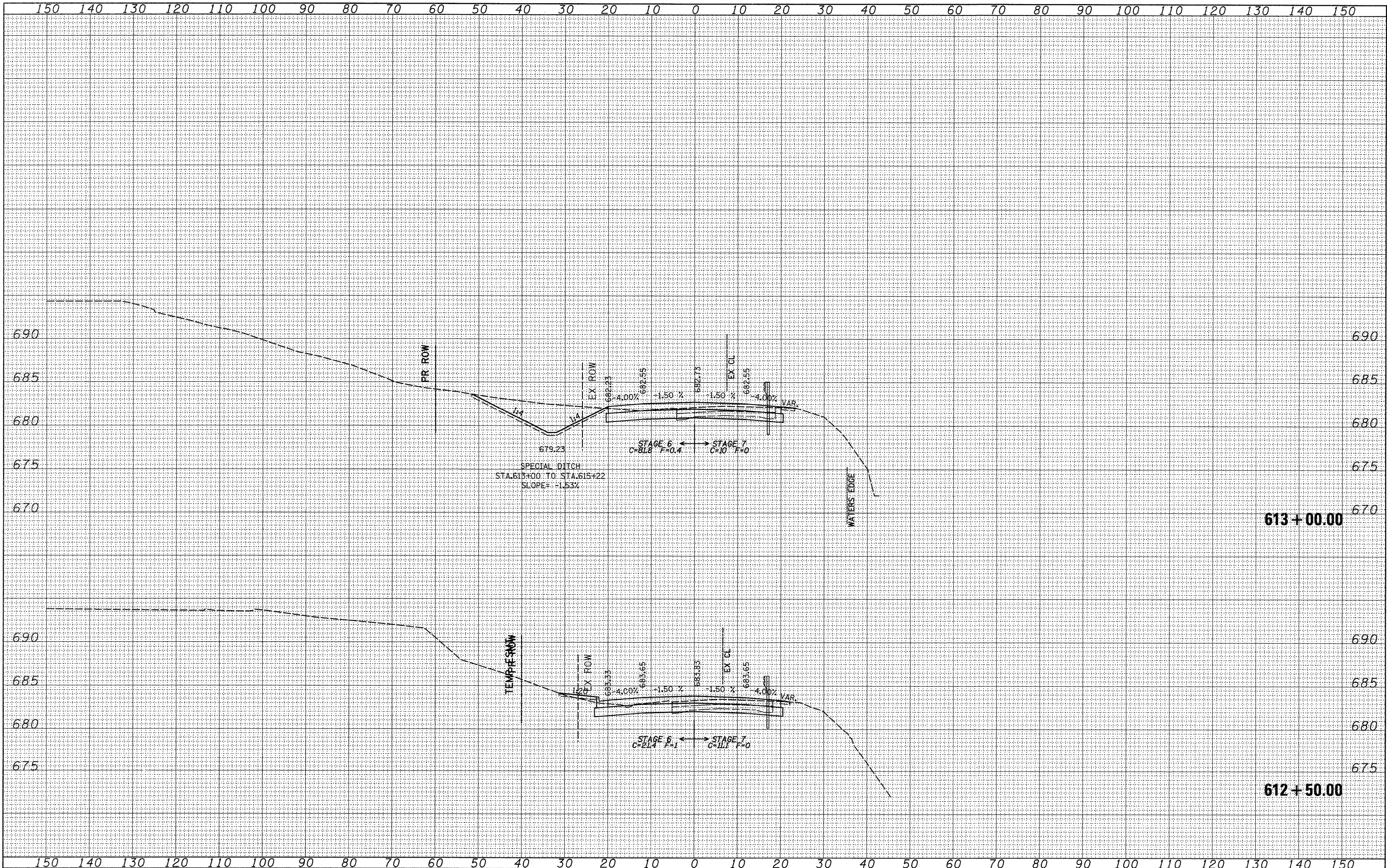
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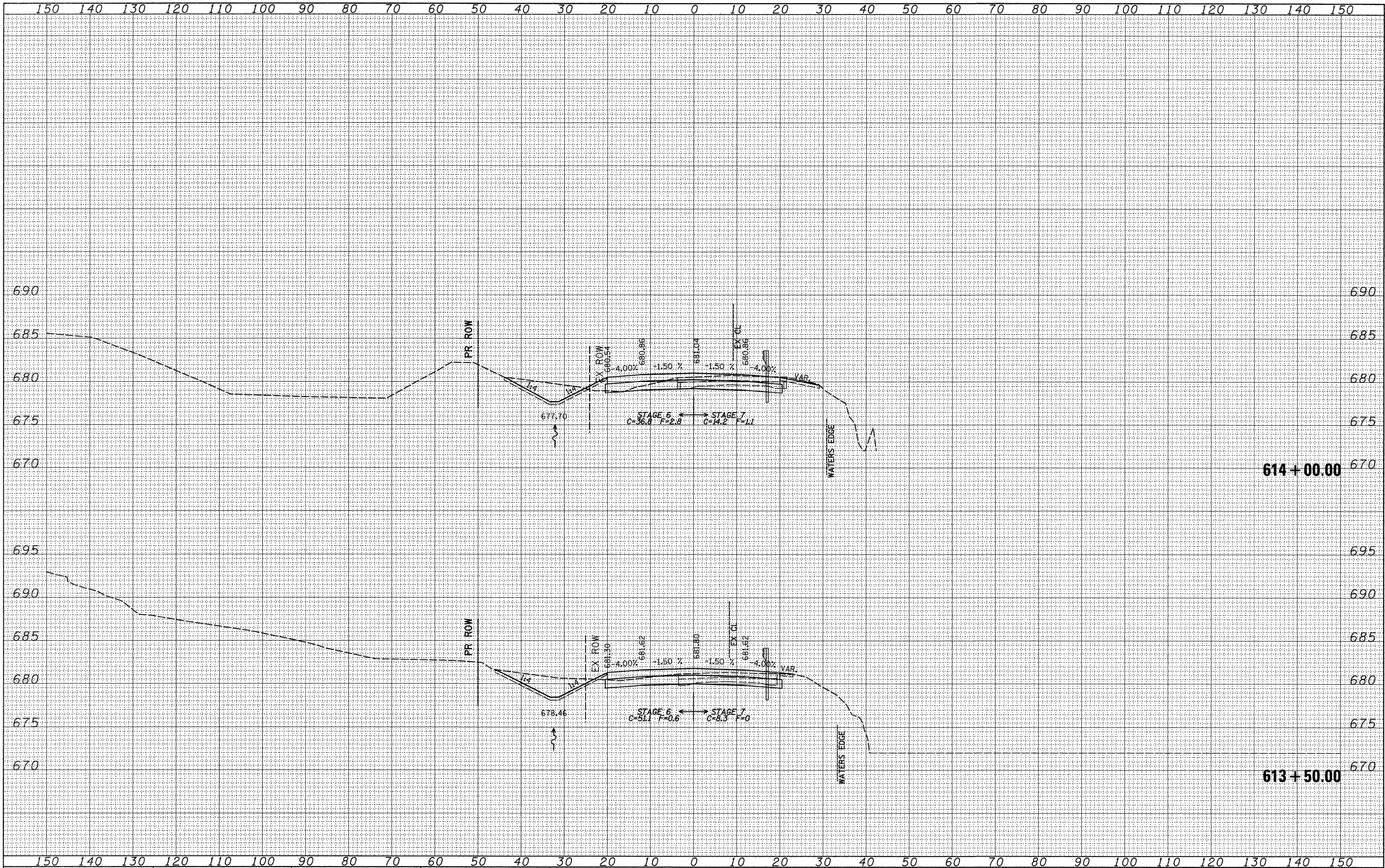
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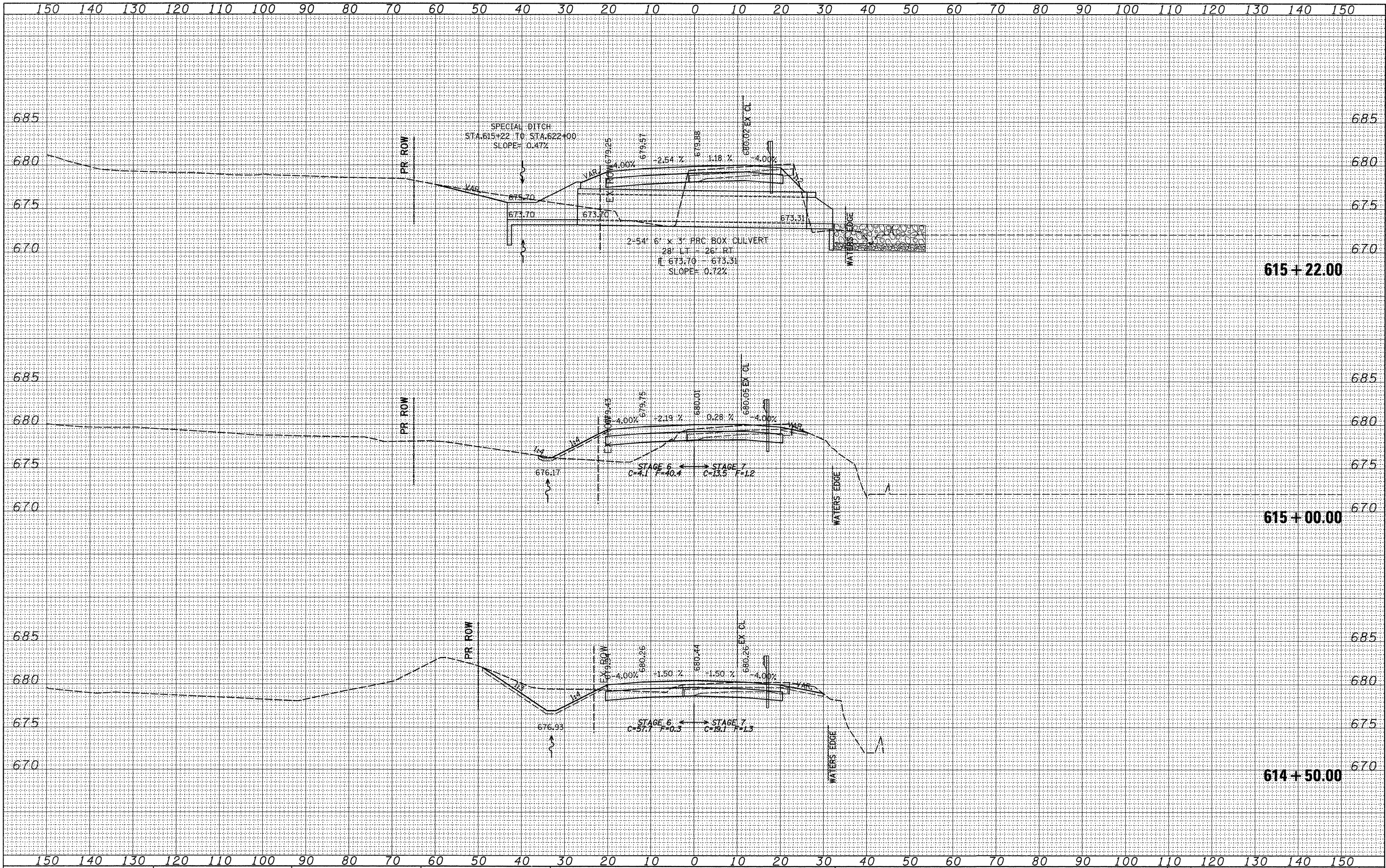
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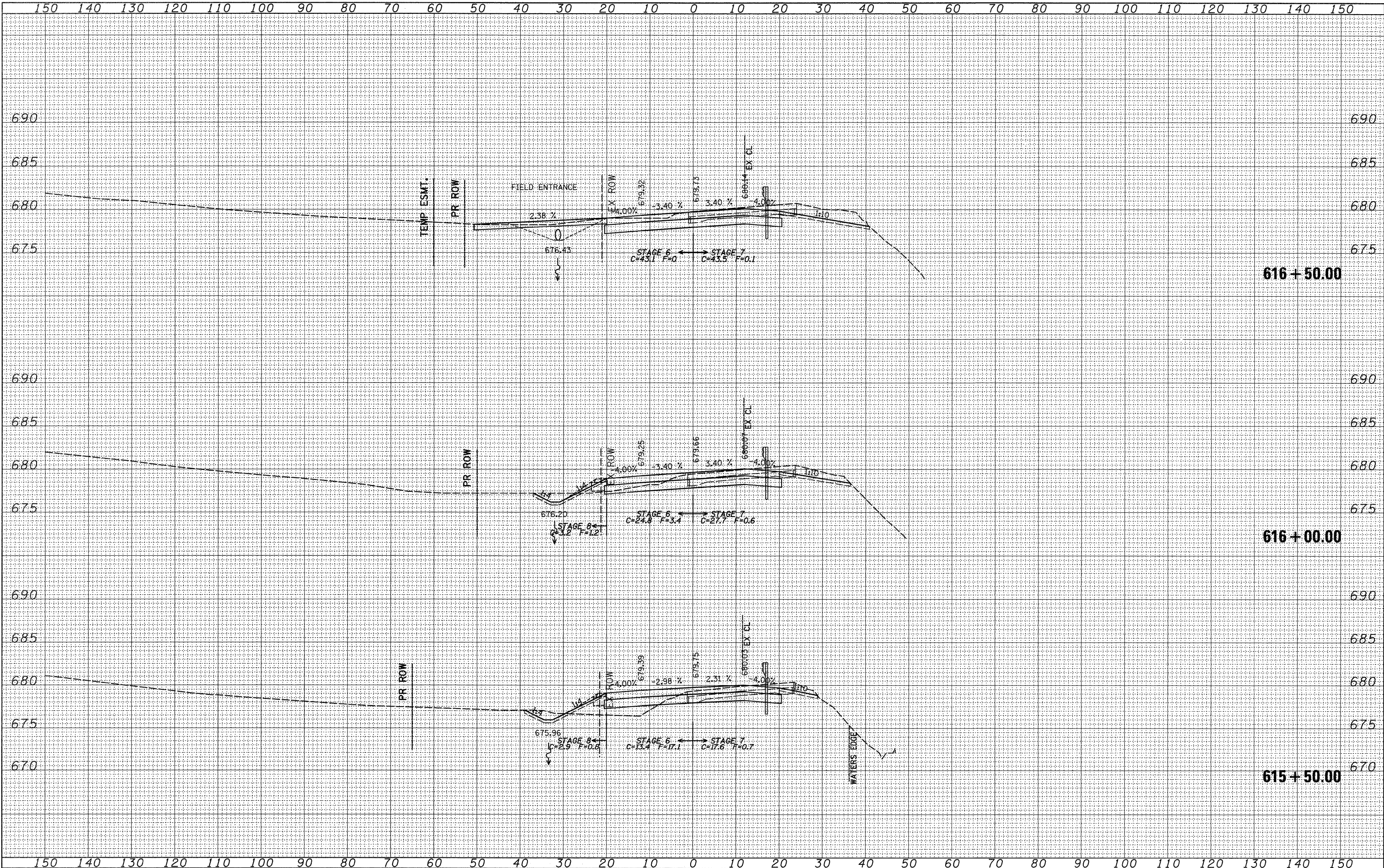
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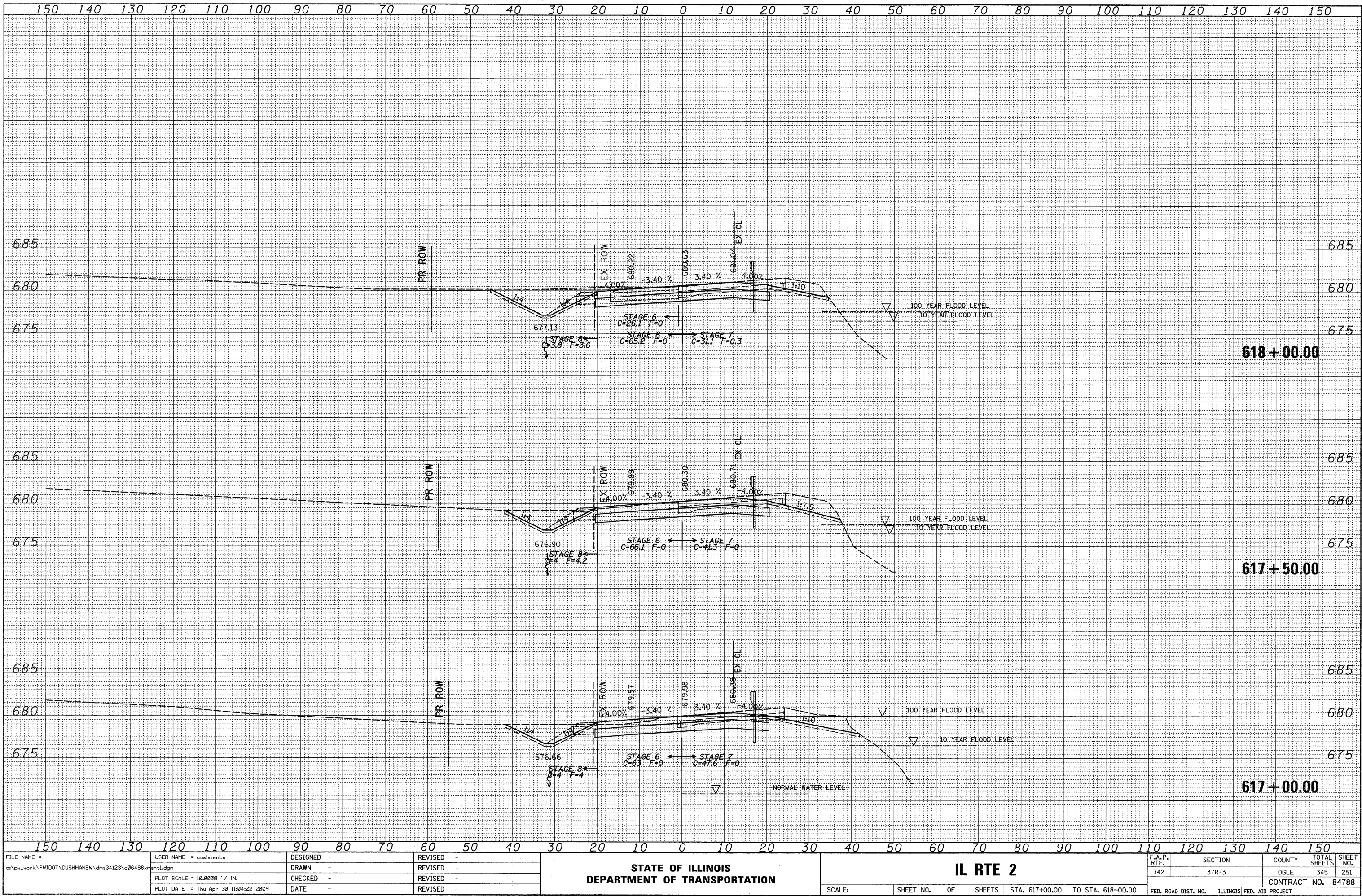
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FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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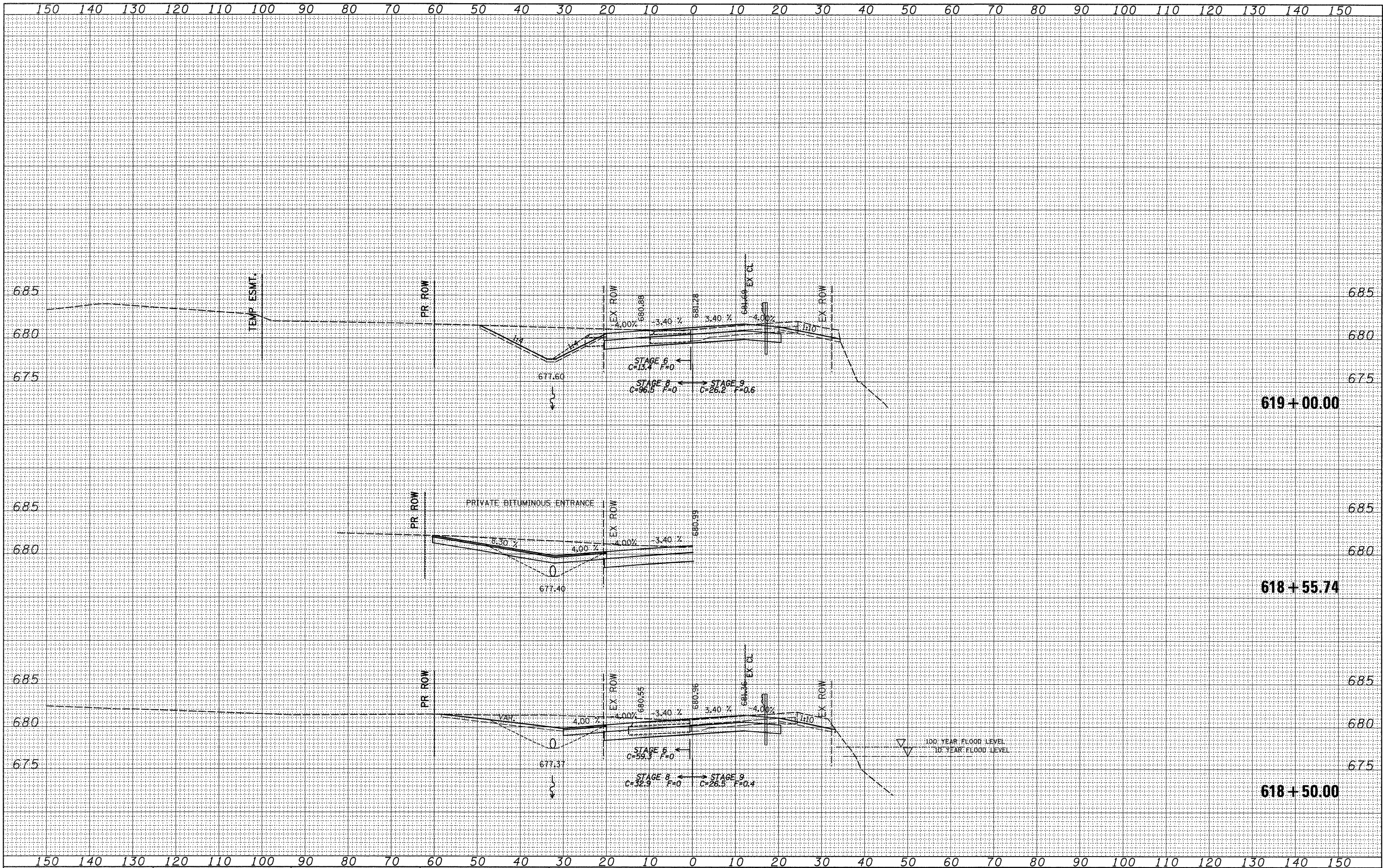
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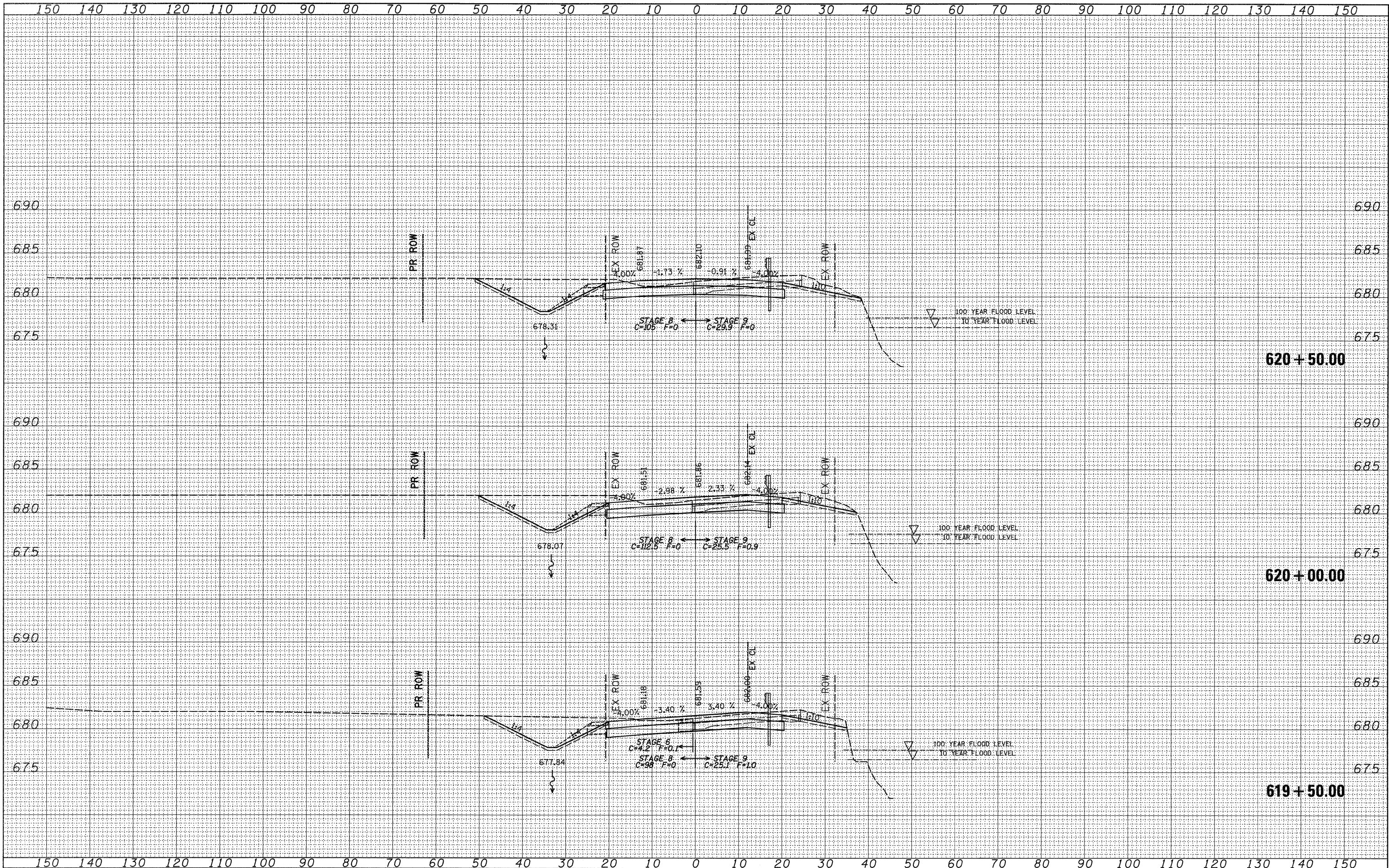
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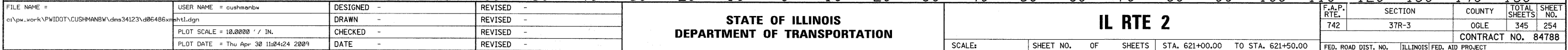


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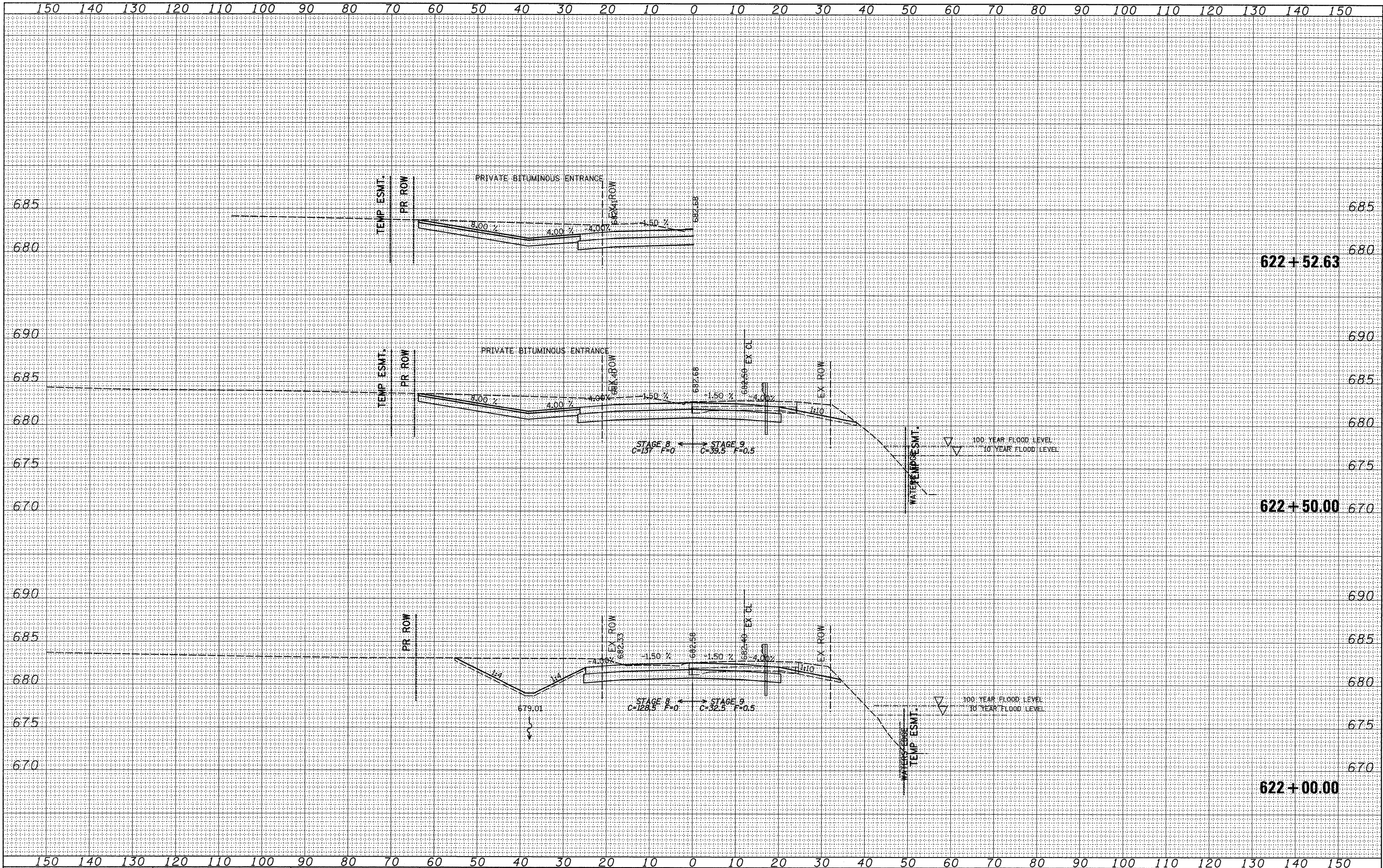


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NOTE BOOK		PLOTTED _____ TEMPLATE _____ AREAS _____ AREAS CHECKED _____
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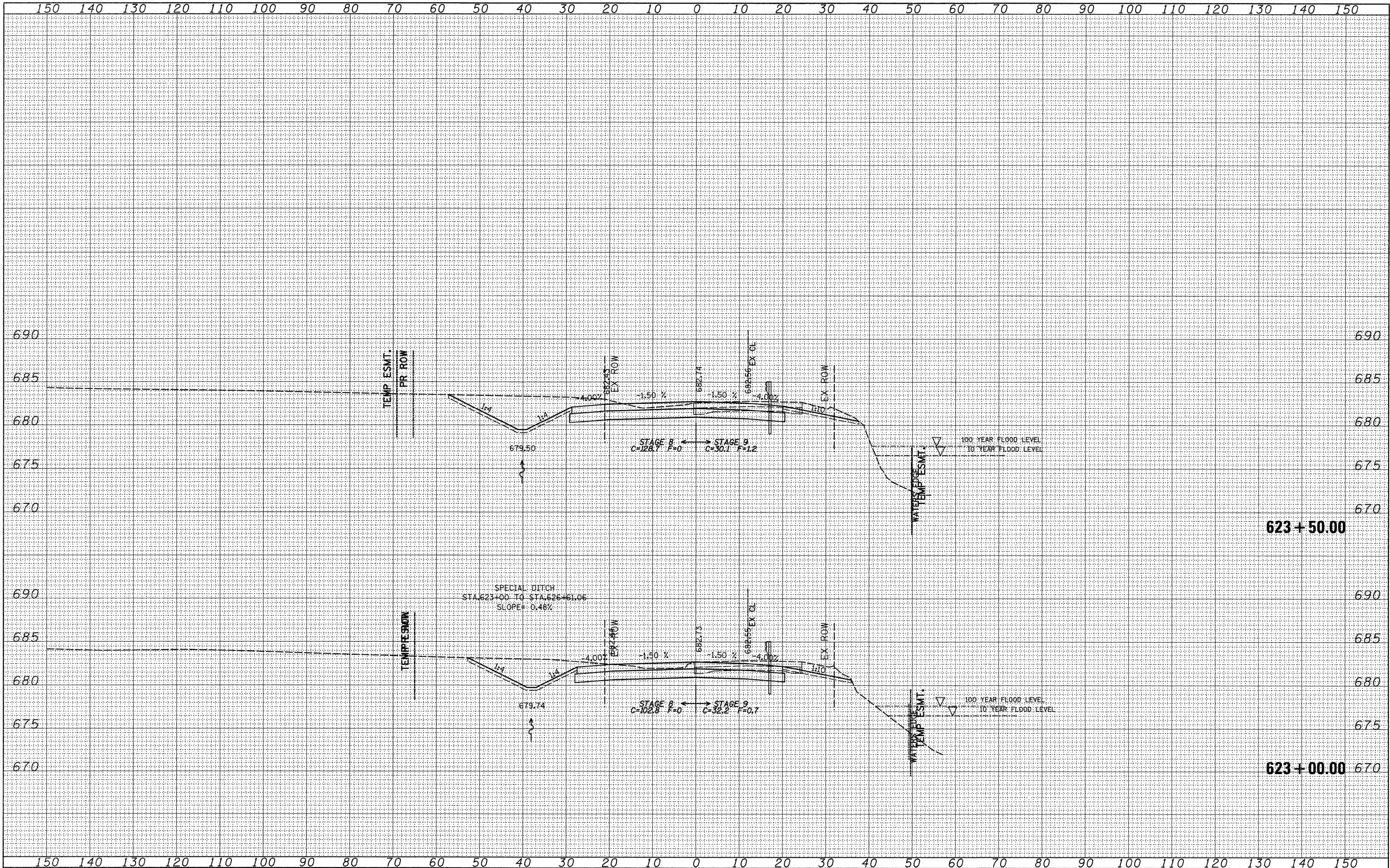
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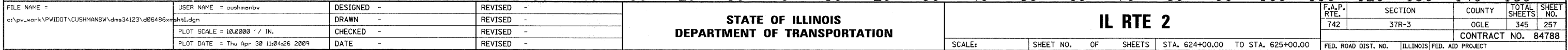
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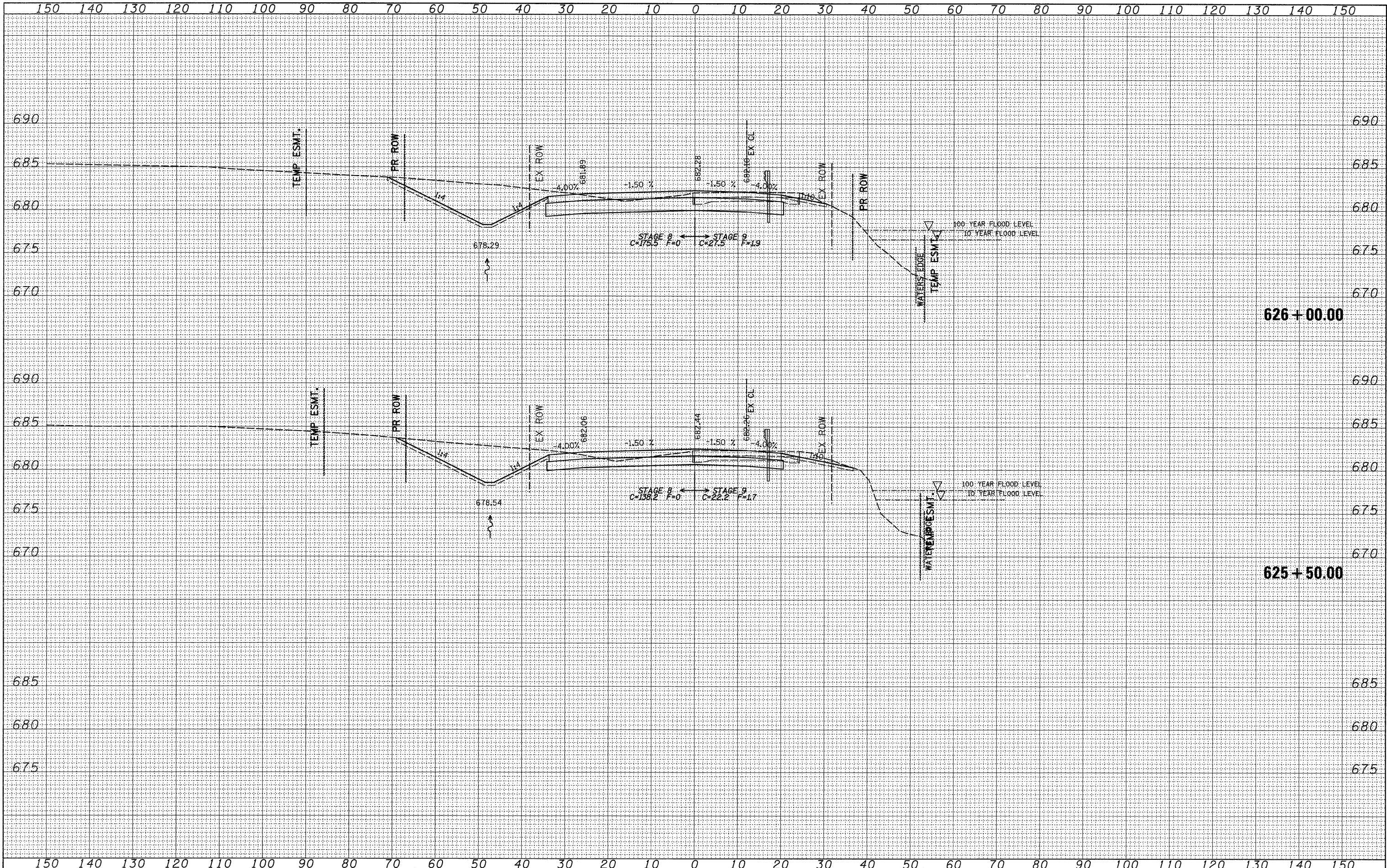
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SCALE:				SHEET NO. OF SHEETS				STA. 623+00.00 TO STA. 623+50.00								

ORIGINAL SURVEY	BY _____		DATE _____
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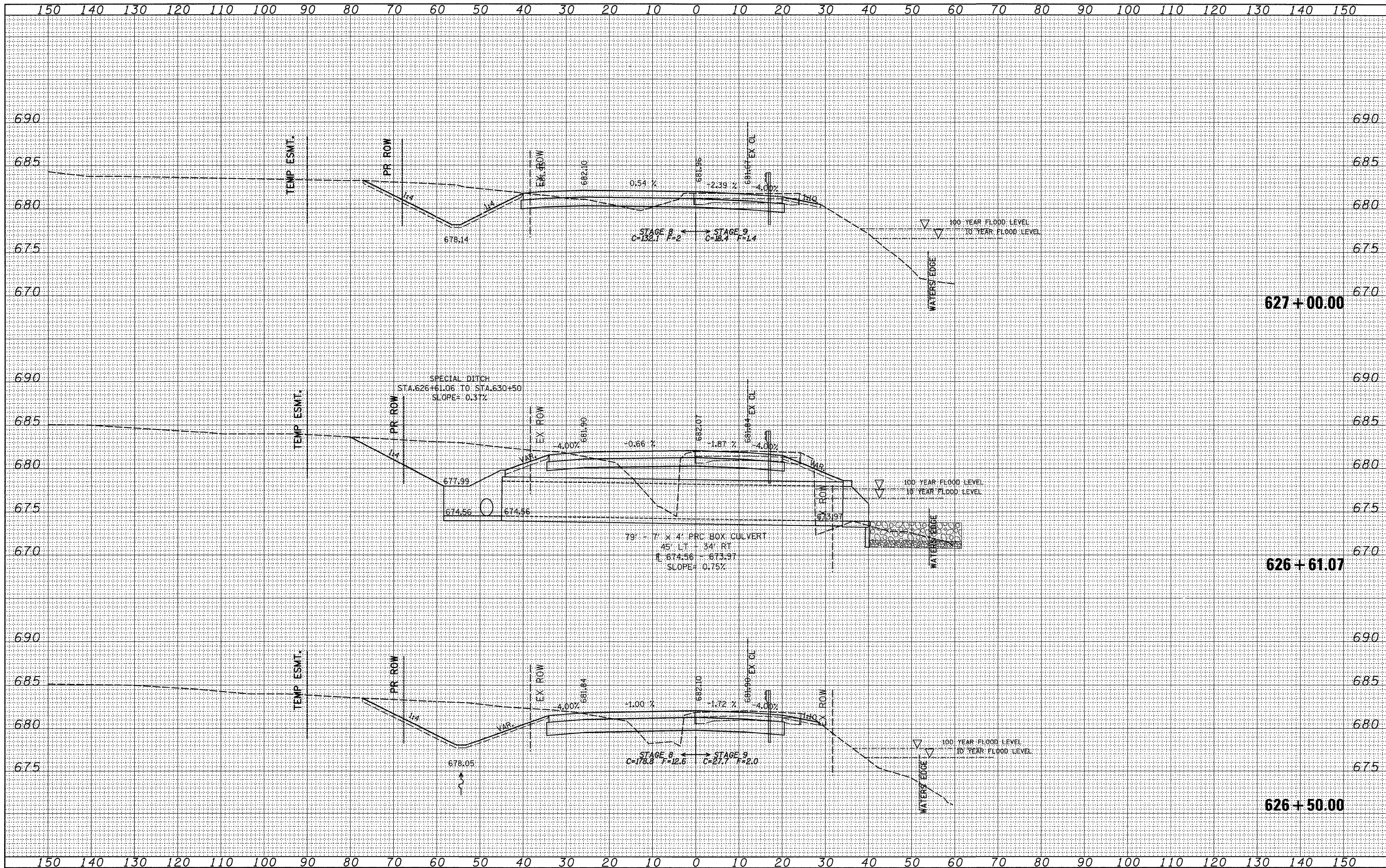


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NO.	AREAS CHECKED		

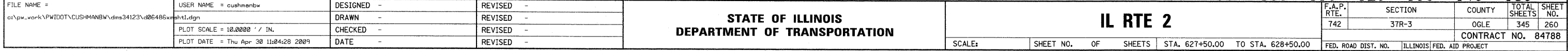
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		



ORIGINAL SURVEY			BY	DATE
	SURVEYED			
	PLOTTED			
	TEMPLATE			
	AREAS			
	AREAS CHECKED			
NO. _____				

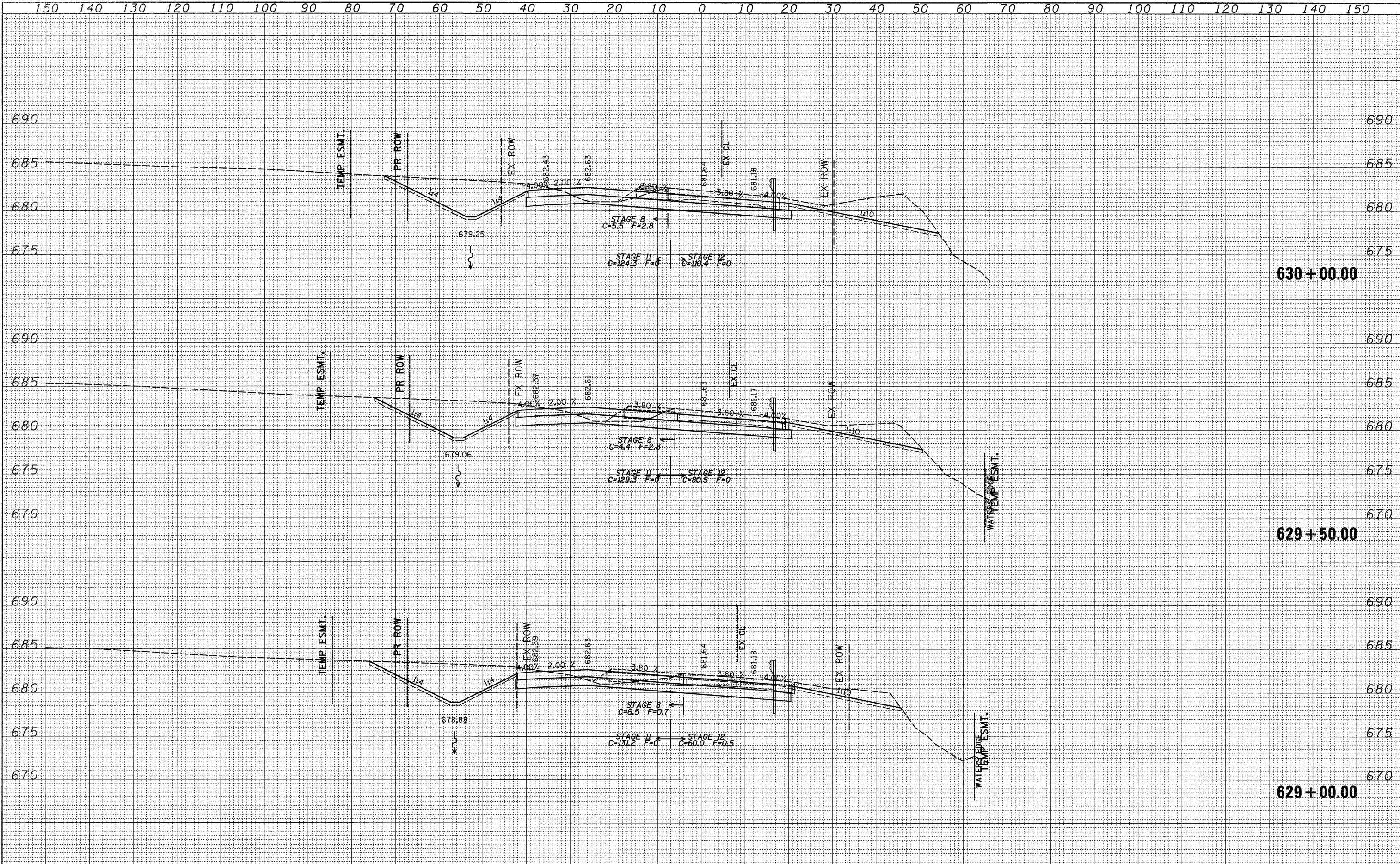


ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPERATURE	
NO.	AREAS CHECKED	

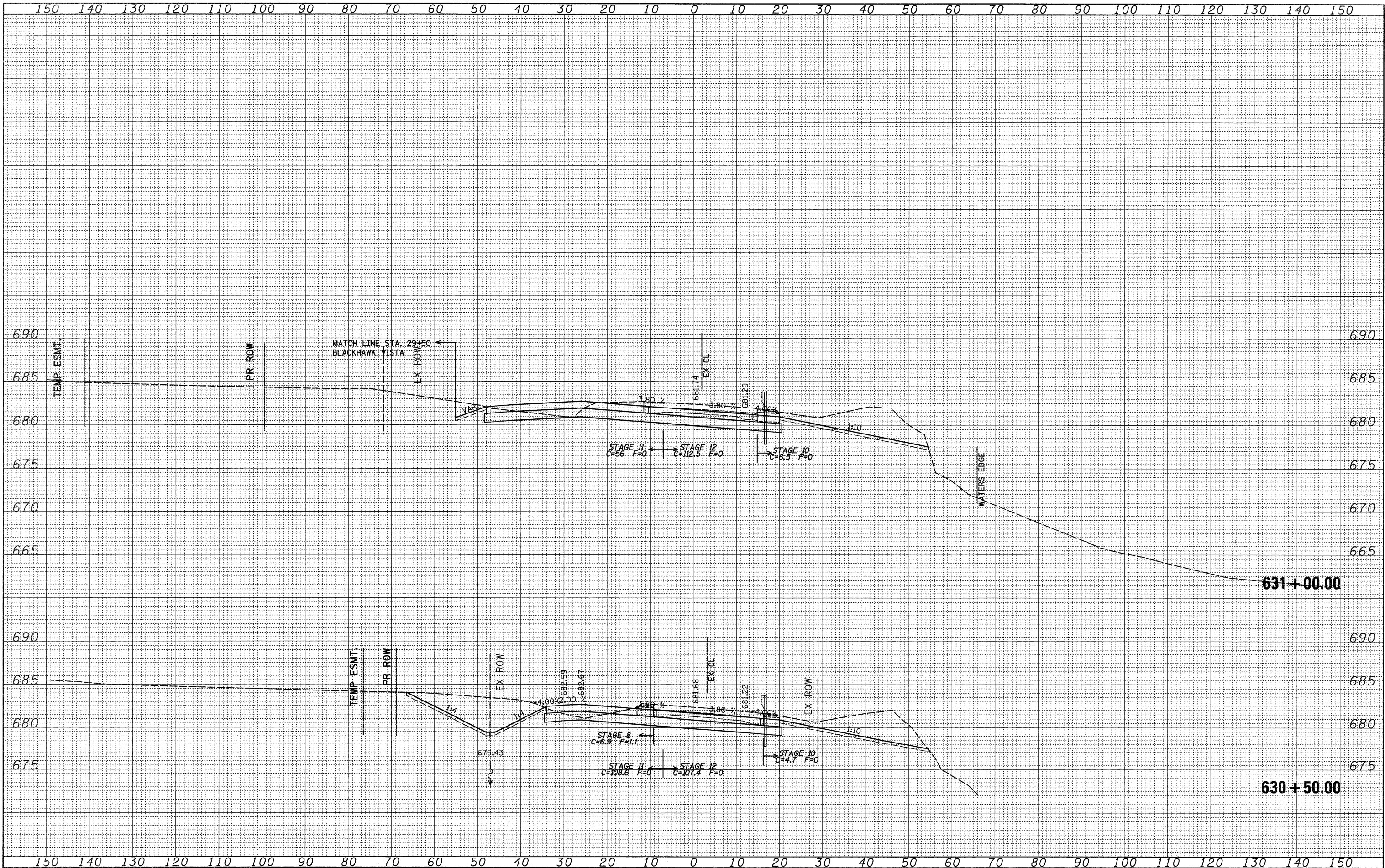
ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPERATURE	
NO.	AREAS CHECKED	



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IL RTE 2		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\PWIDOT\CUSHMANBW\dms34123\06486xgtht1.dgn		DRAWN -	REVISED -					742	37R-3	OGLE	345	261
	PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -									
	PLOT DATE = Thu Apr 30 11:04:29 2009	DATE -	REVISED -									
				SCALE:		SHEET NO.	OF	SHEETS	STA. 629+00.00 TO STA. 630+00.00	CONTRACT NO. 84788		
								FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

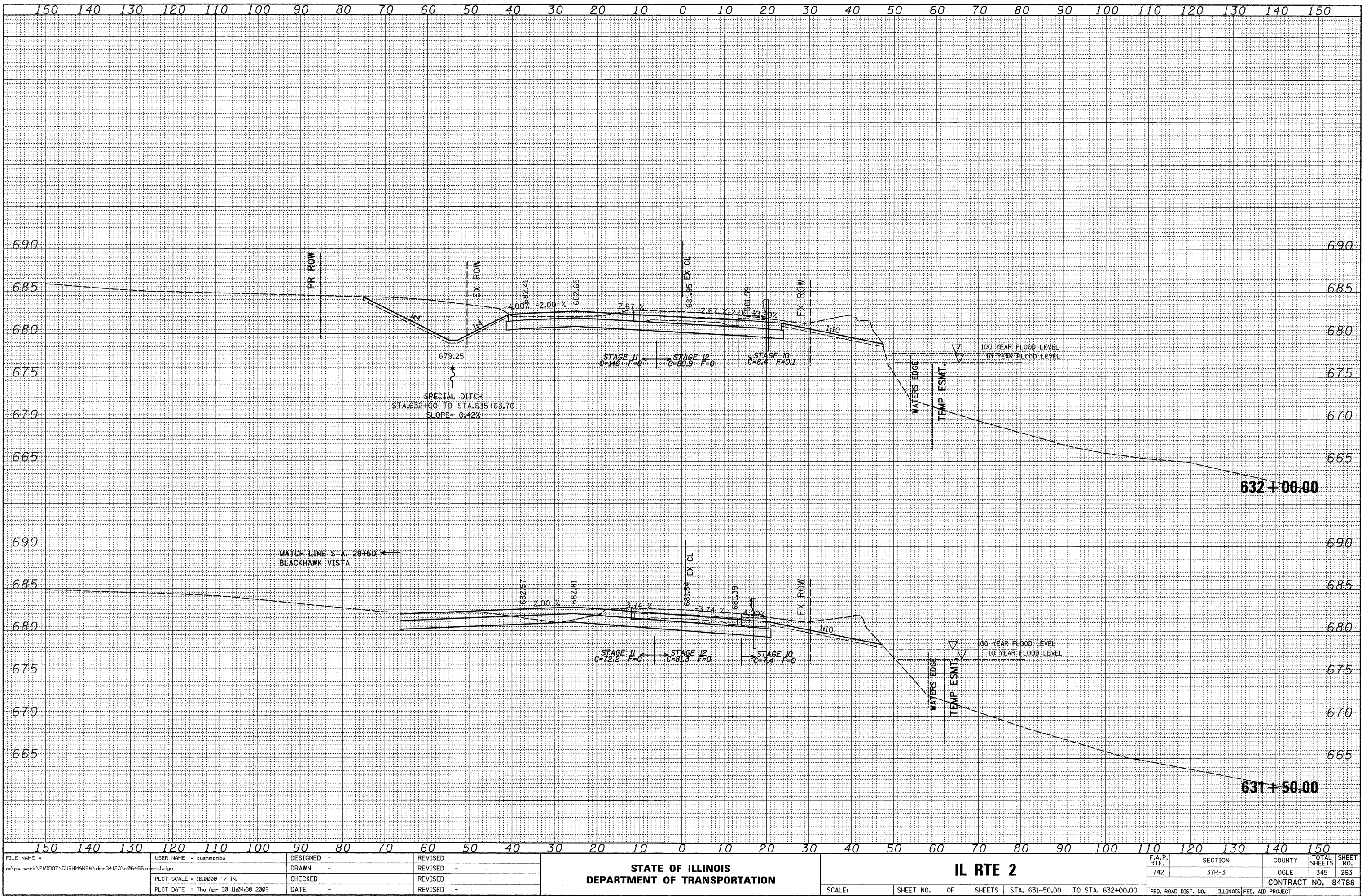
FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
AREAS	CHECKED		
NO.			

ORIGINAL	BY	DATE
SURVEY		
NOTE BOOK		
AREAS		
NO.		



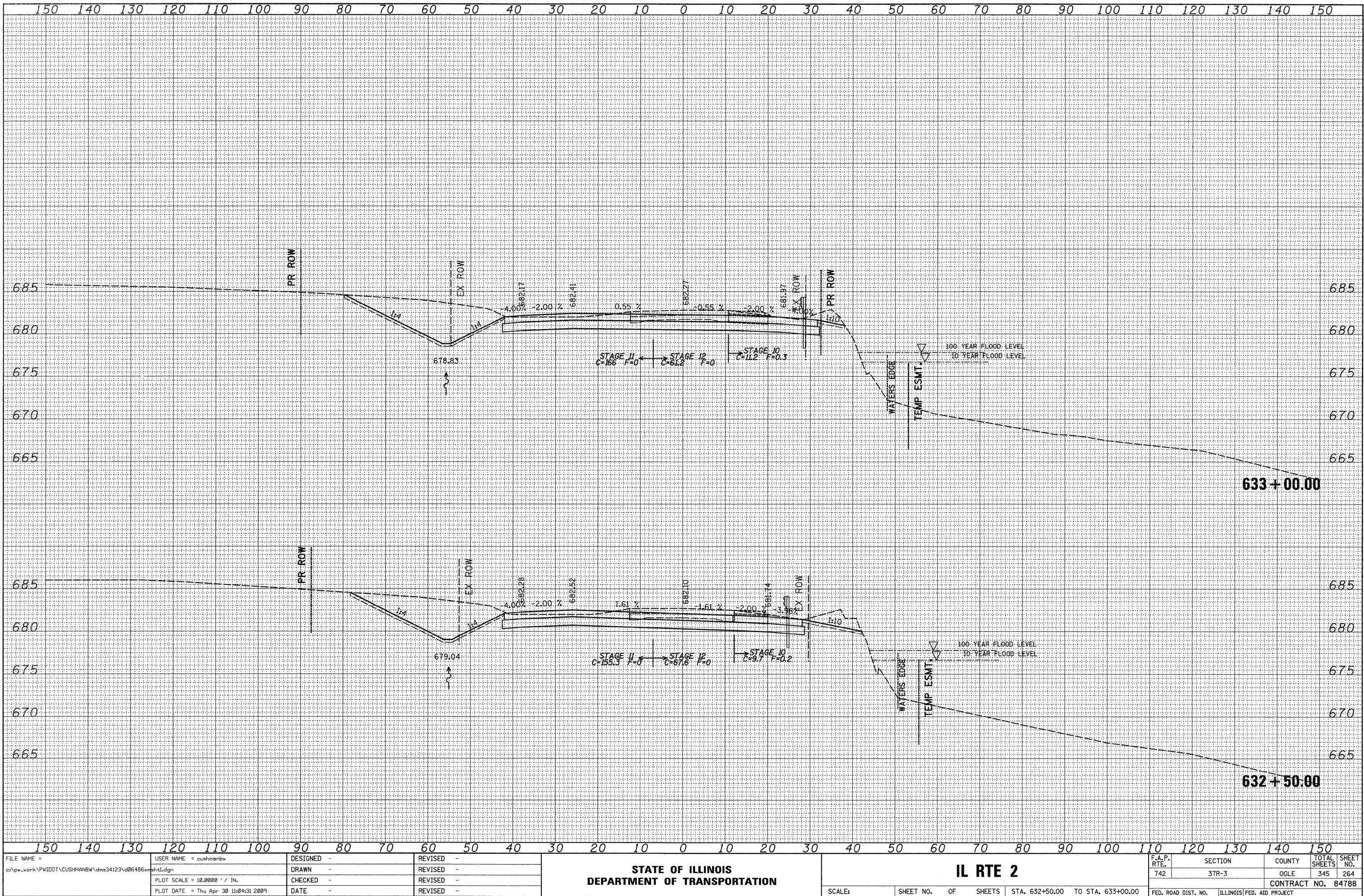
FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or\pw_work\PWIDOT\CUSHMANBW\dms34123\d8648xmehd.dgn		DRAWN -	REVISED -						742	37R-3	OGLE	345	262
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 84788								
PLOT DATE = Thu Apr 30 11:04:30 2009		DATE -	REVISED -										
				SCALE:	SHEET NO.	OF	SHEETS	STA. 630+50.00 TO STA. 631+00.00					
										FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

ORIGINAL SURVEY		BY		DATE	
NOTE BOOK		SURVEYED			
		PLOTTED			
		TEMPLATE			
		AREAS			
NO.		AREAS CHECKED			



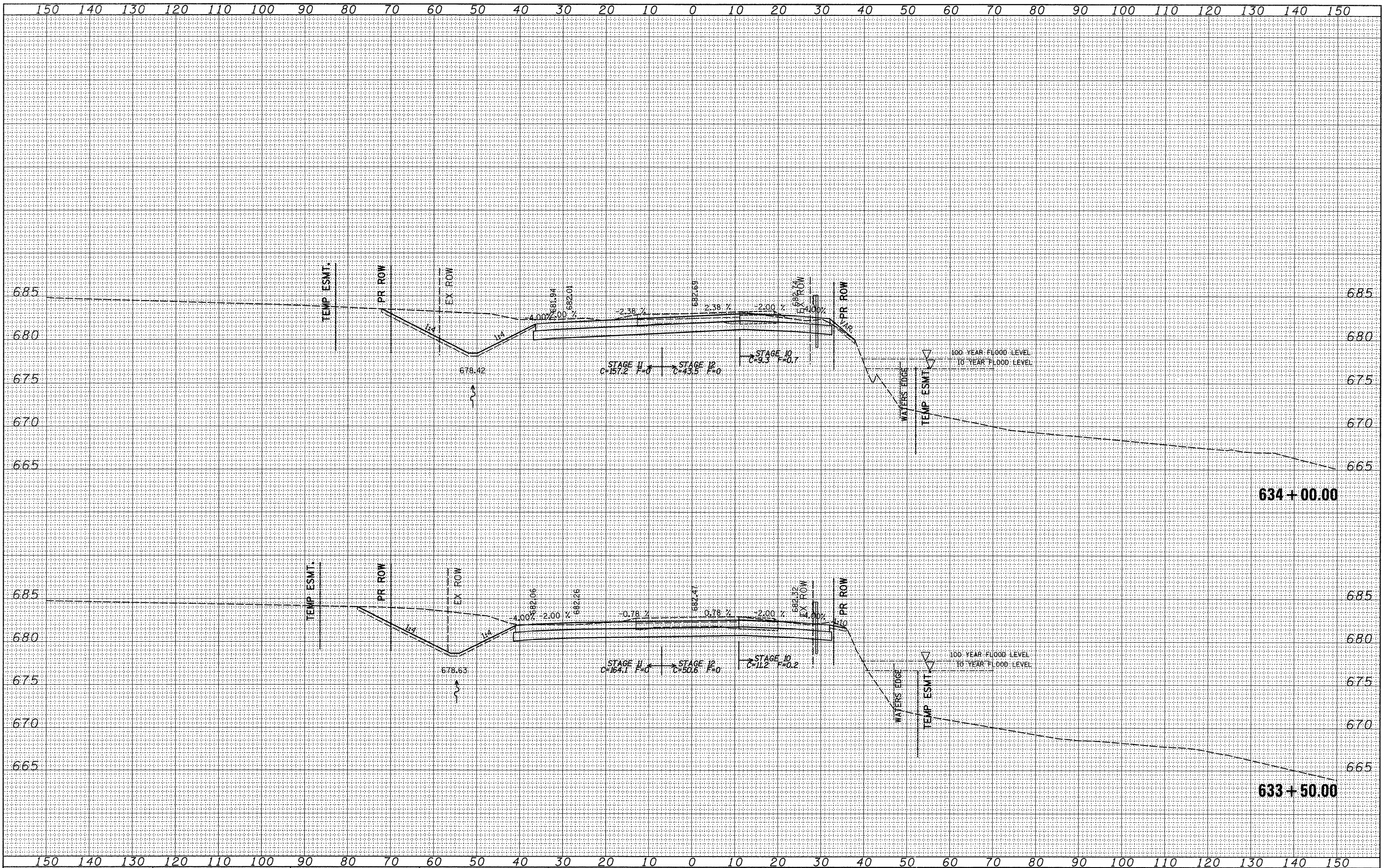
FINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	REDATE		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	REDATE		
	AREAS CHECKED		

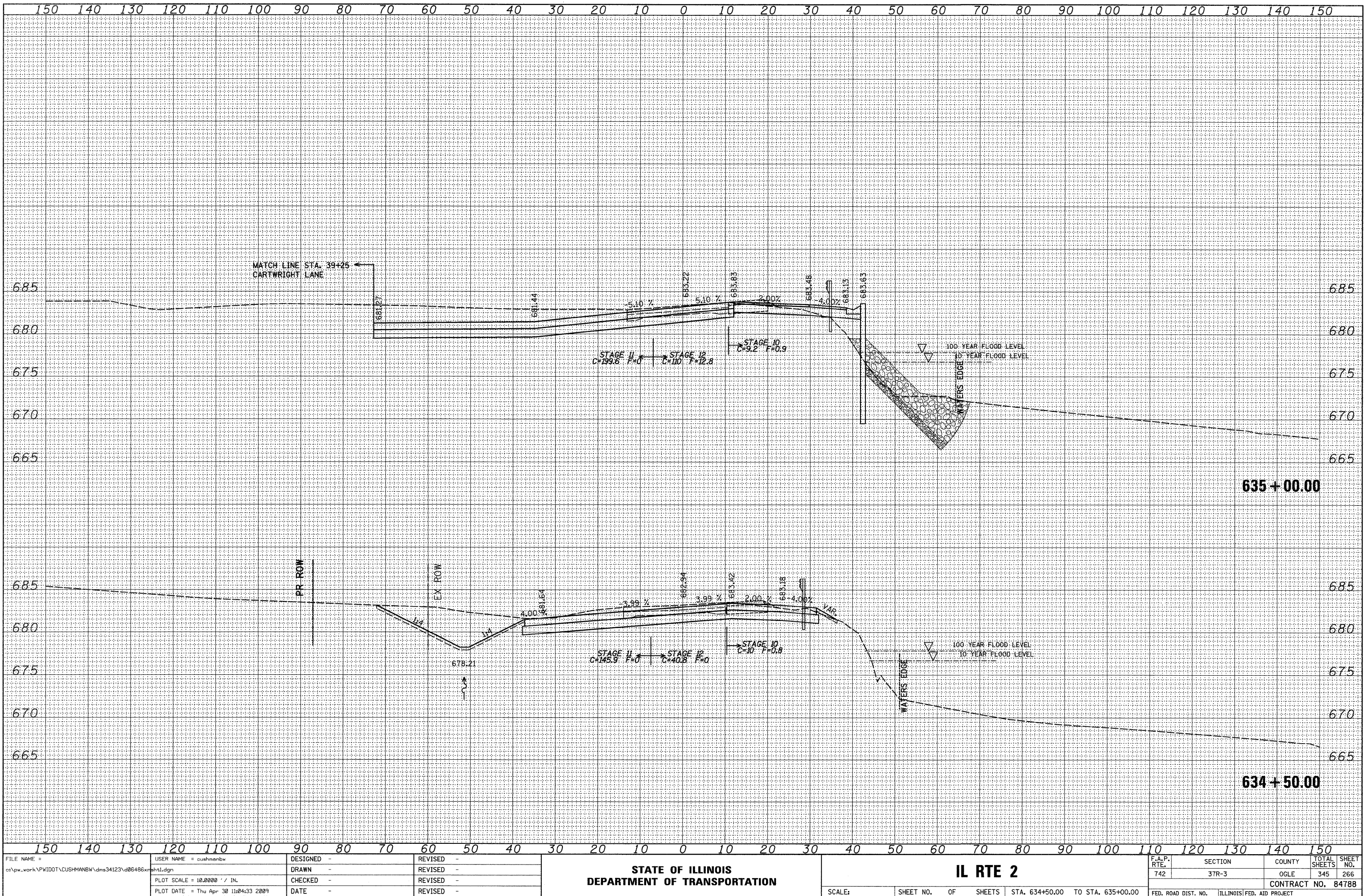


FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
AREAS	CHECKED		
NO.			

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
AREAS	CHECKED		
NO.			

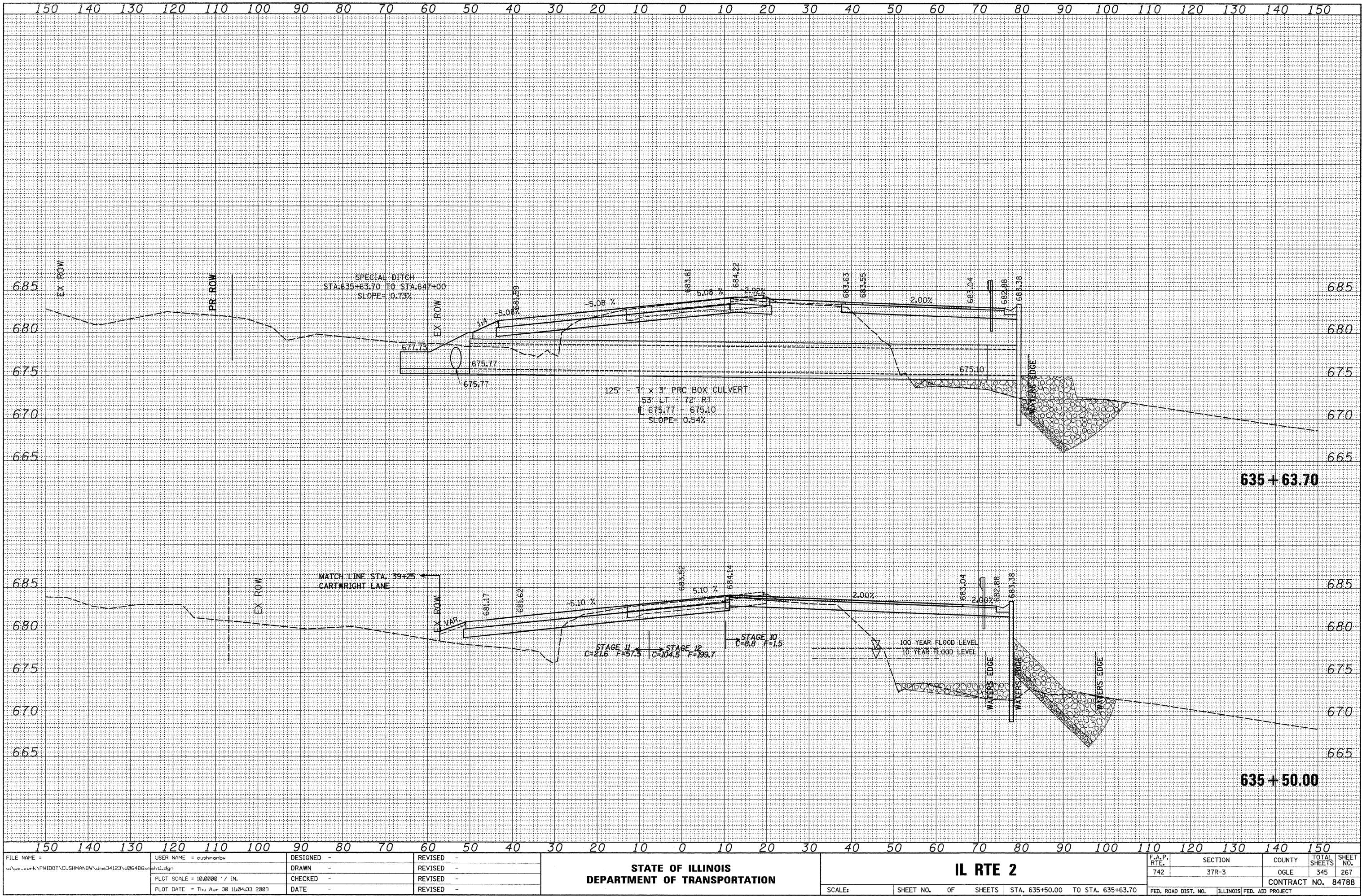


ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



FINAL	SURVEY	BY	DATE
SURVEYED	PLOTTED		
NOTE BOOK	DATE		
AREAS	CHECKED		
NO.			

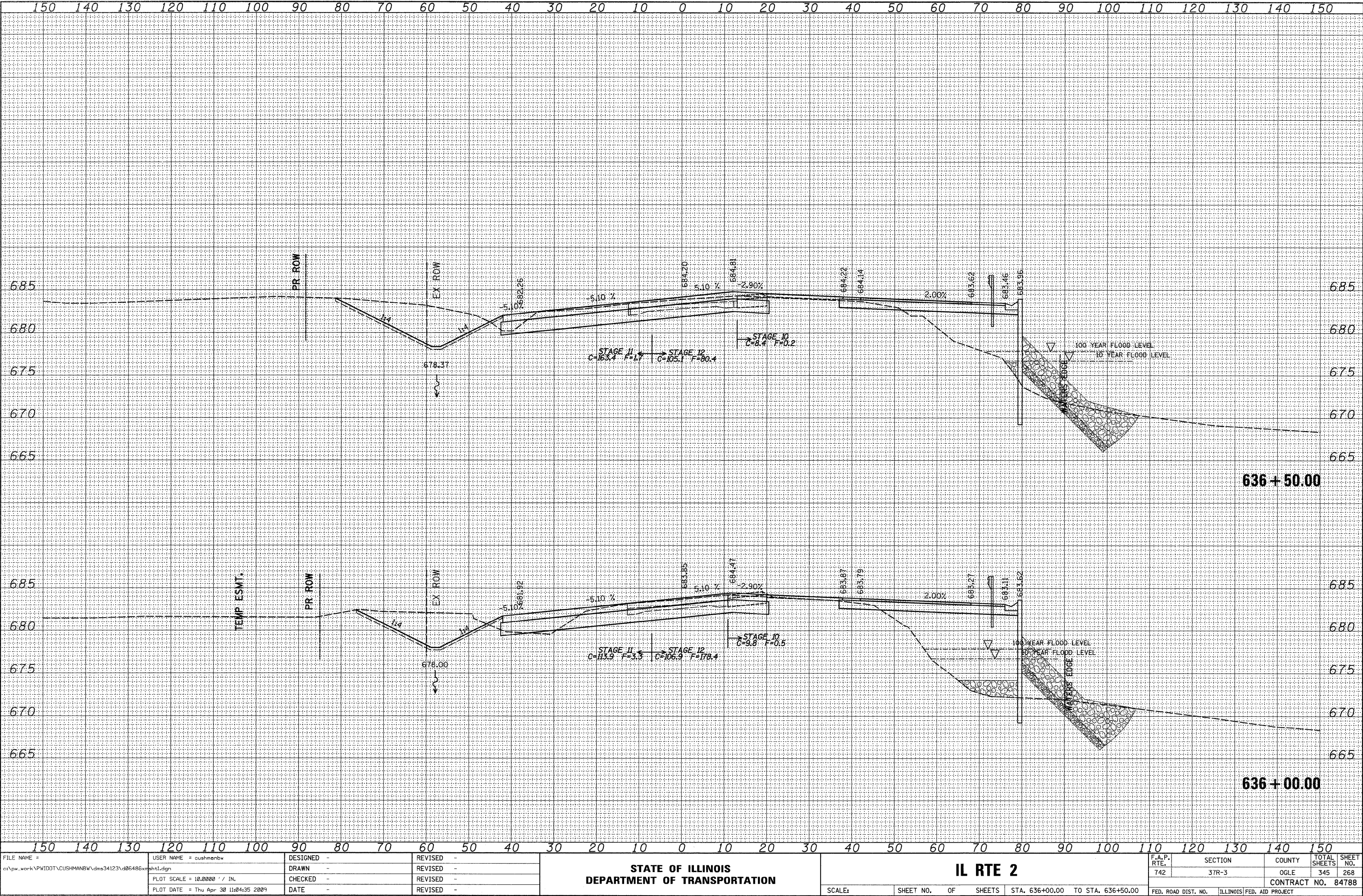
OPTIONAL	SURVEY	BY	DATE
SURVEYED	PLOTTED		
NOTE BOOK	DATE		
AREAS	CHECKED		
NO.			



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL RTE 2				F.A.P. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
oi\pwork\PWIDOT\CUSHMANBW\dms34123\d06486x\pht1.dgn		DRAWN -	REVISED -									742		37R-3		OGLE		345		267	
PLCT SCALE = 10.0000' / IN.		CHECKED -	REVISED -									CONTRACT NO. 84788									
PLOT DATE = Thu Apr 30 11:04:33 2009		DATE -	REVISED -																		
SCALE:				SHEET NO.		OF		SHEETS		STA. 635+50.00 TO STA. 635+63.70				FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT			

FINAL	SURVEYED	BY	DATE
NO.	NO.		
NO.	NO.		
NO.	NO.		
NO.	NO.		

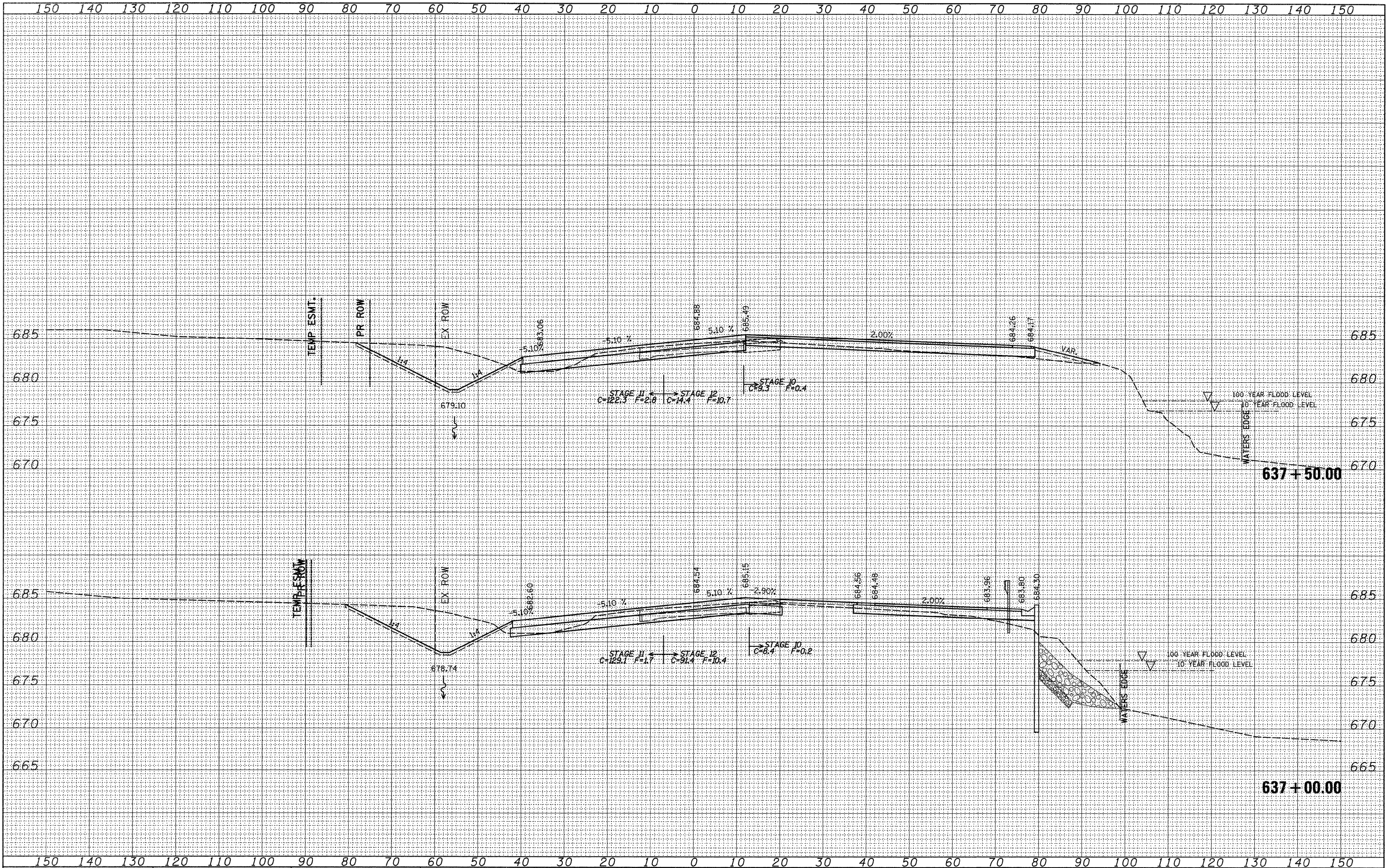
ORIGINAL	SURVEYED	BY	DATE
NO.	NO.		
NO.	NO.		
NO.	NO.		
NO.	NO.		



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 2 SCALE: SHEET NO. OF SHEETS STA. 636+00.00 TO STA. 636+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\PWIDOT\CUSHMANBW\dms34123\d86486xmshd.dgn		DRAWN -	REVISED -		742	37R-3	OGLE	345	268
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 84788				
PLOT DATE = Thu Apr 30 11:04:35 2009		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

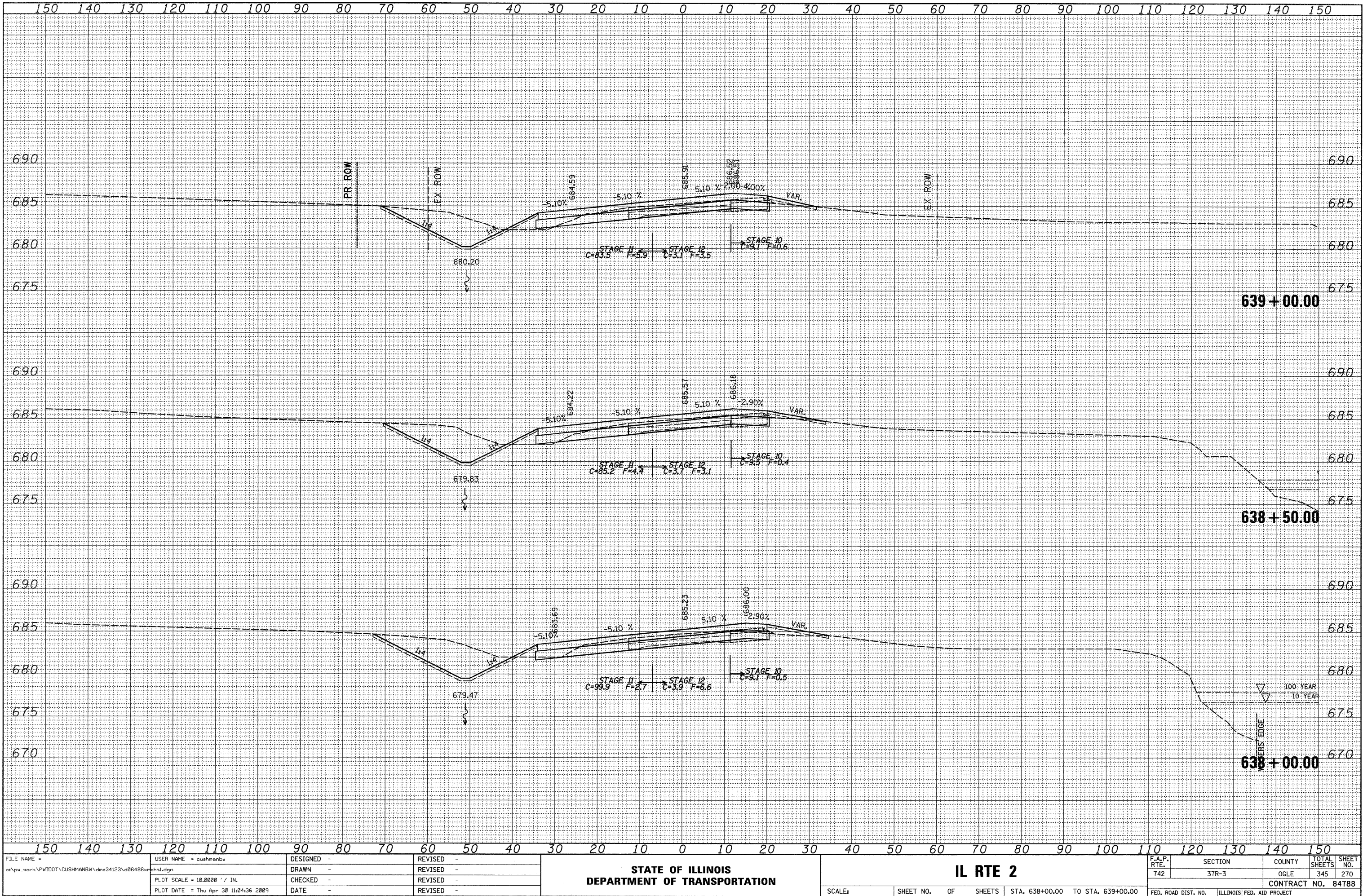
FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS CHECKED		



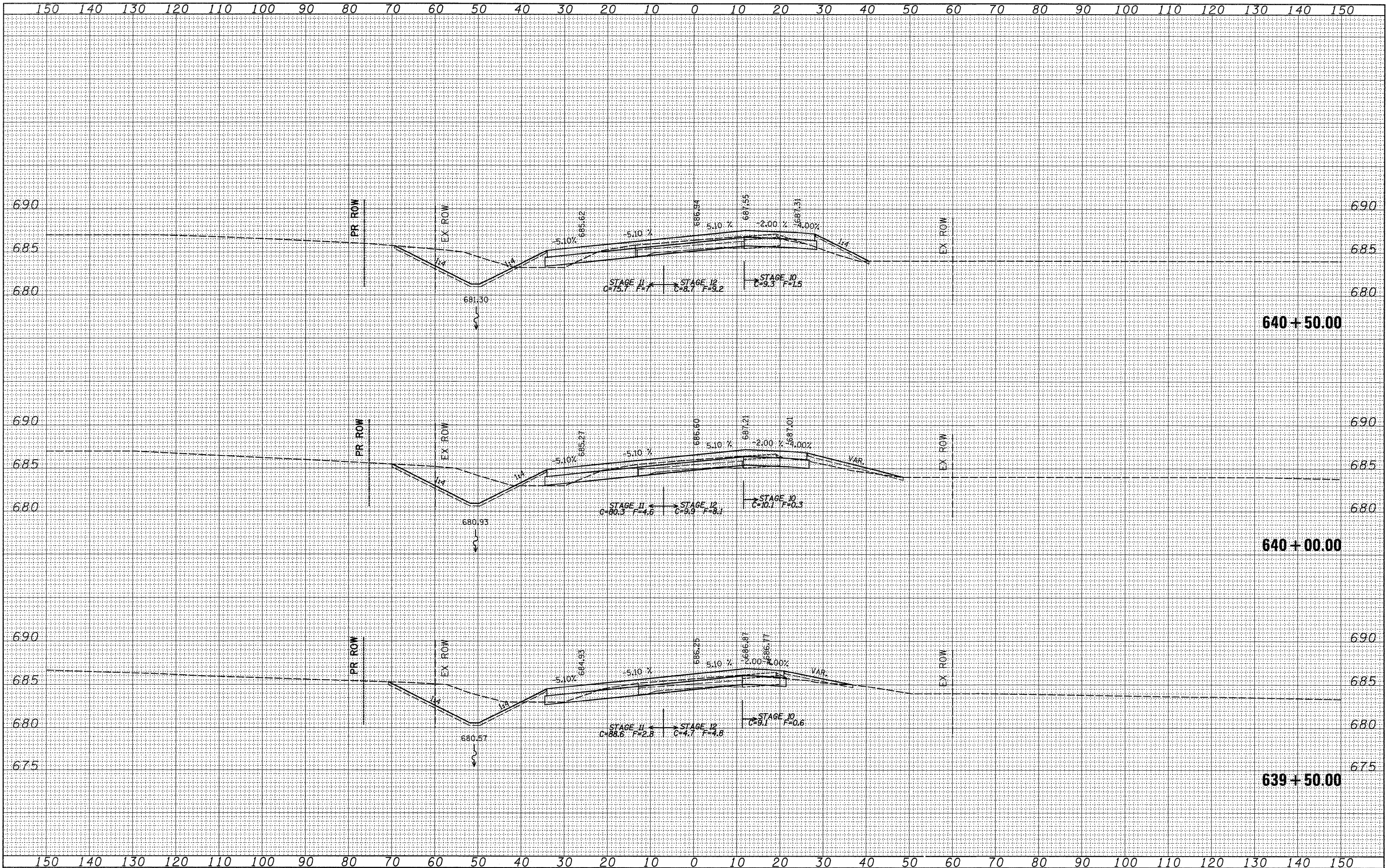
FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS CHECKED		



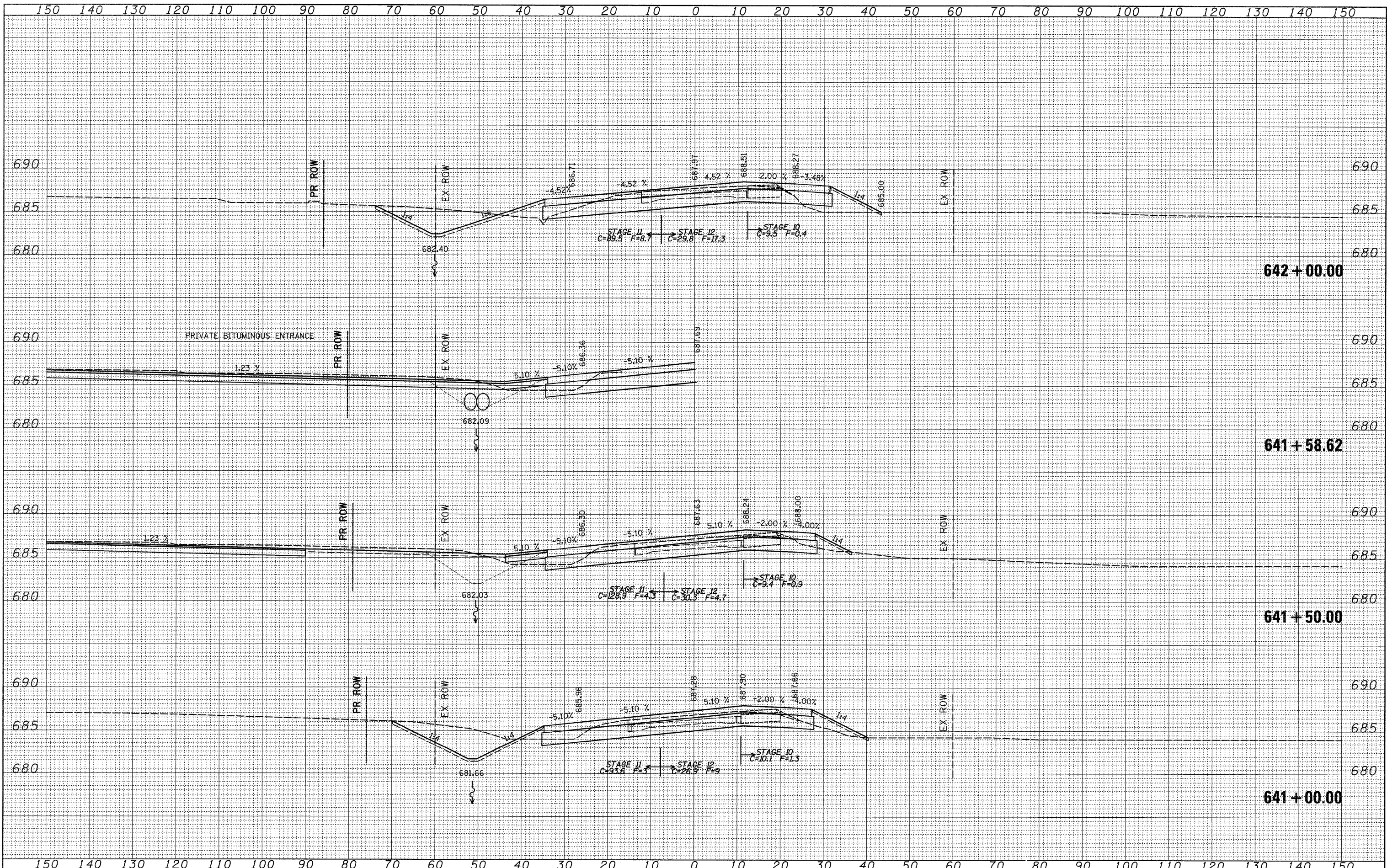
FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\PWIDOT\CUSHMANBW\dms34123\086486xsh1.dgn		DRAWN -	REVISED -									742	37R-3	OGLE	345	271
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -									CONTRACT NO. 84788				
PLOT DATE = Thu Apr 30 11:04:37 2009		DATE -	REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE:				SHEET NO. OF SHEETS				STA. 639+50.00 TO STA. 640+50.00				

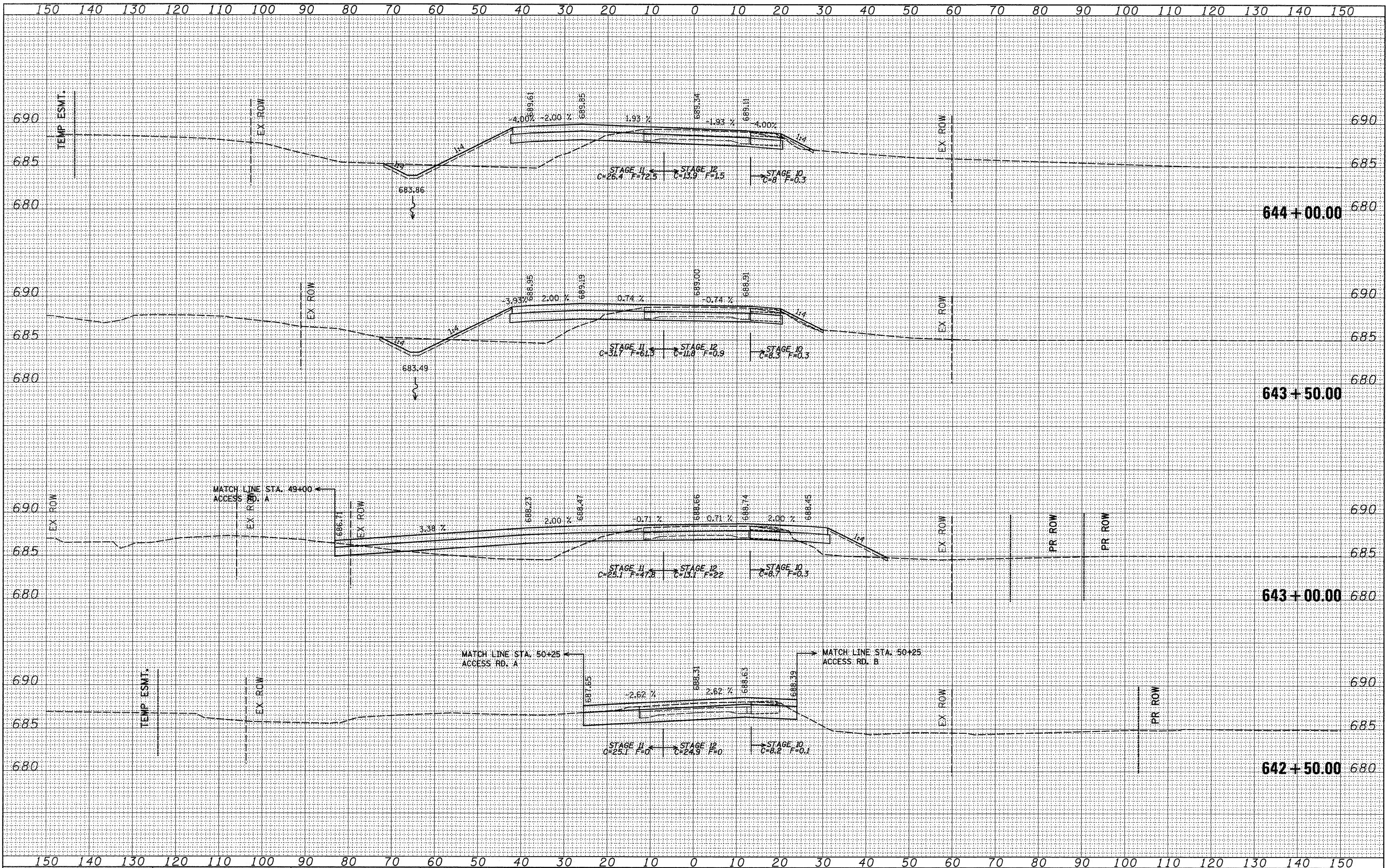
ORIGINAL SURVEY		SURVEYED _____ PLOTTED _____ TEMPLATE _____ AREAS _____ AREAS CHECKED _____	BY _____	DATE _____
NOTE BOOK				
NO.				



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct\pw_work\VPWIDOT\CUSHMANBW\dms34123\dwg6486xmsht1.dgn		DRAWN -	REVISED -						742	37R-3		345	272
PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 84788										
PLOT DATE = Thu Apr 30 11:04:38 2009	DATE -	REVISED -	SCALE:						SHEET NO.	OF	SHEETS	STA. 641+00.00 TO STA. 642+00.00	FED. ROAD DIST. NO.

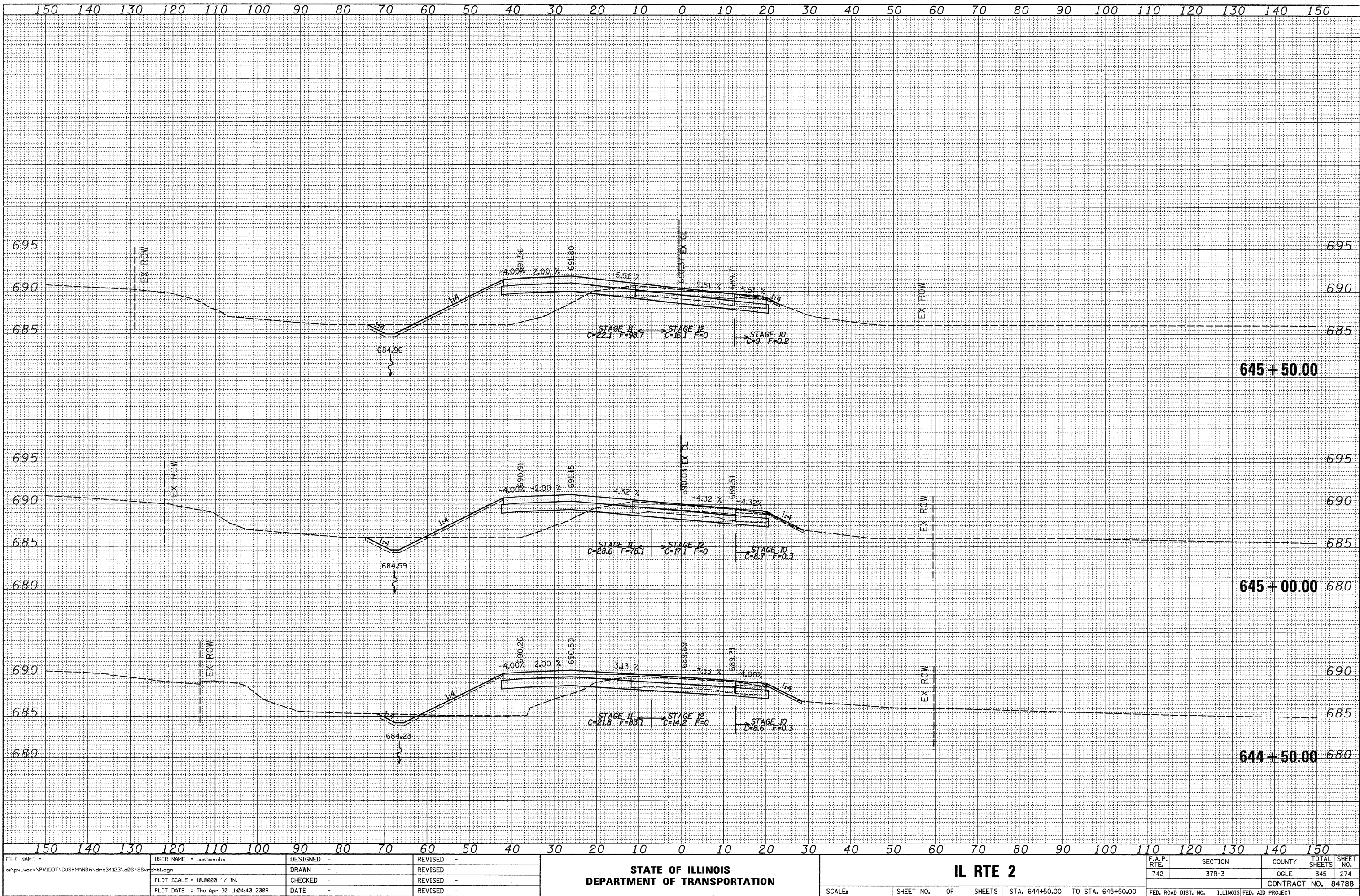
FINAL	SURVEYED	BY	DATE
NO.	NO.		
NO.	NO.		
NO.	NO.		
NO.	NO.		

OPTIONAL	SURVEYED	BY	DATE
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NO.	NO.		
NO.	NO.		
NO.	NO.		



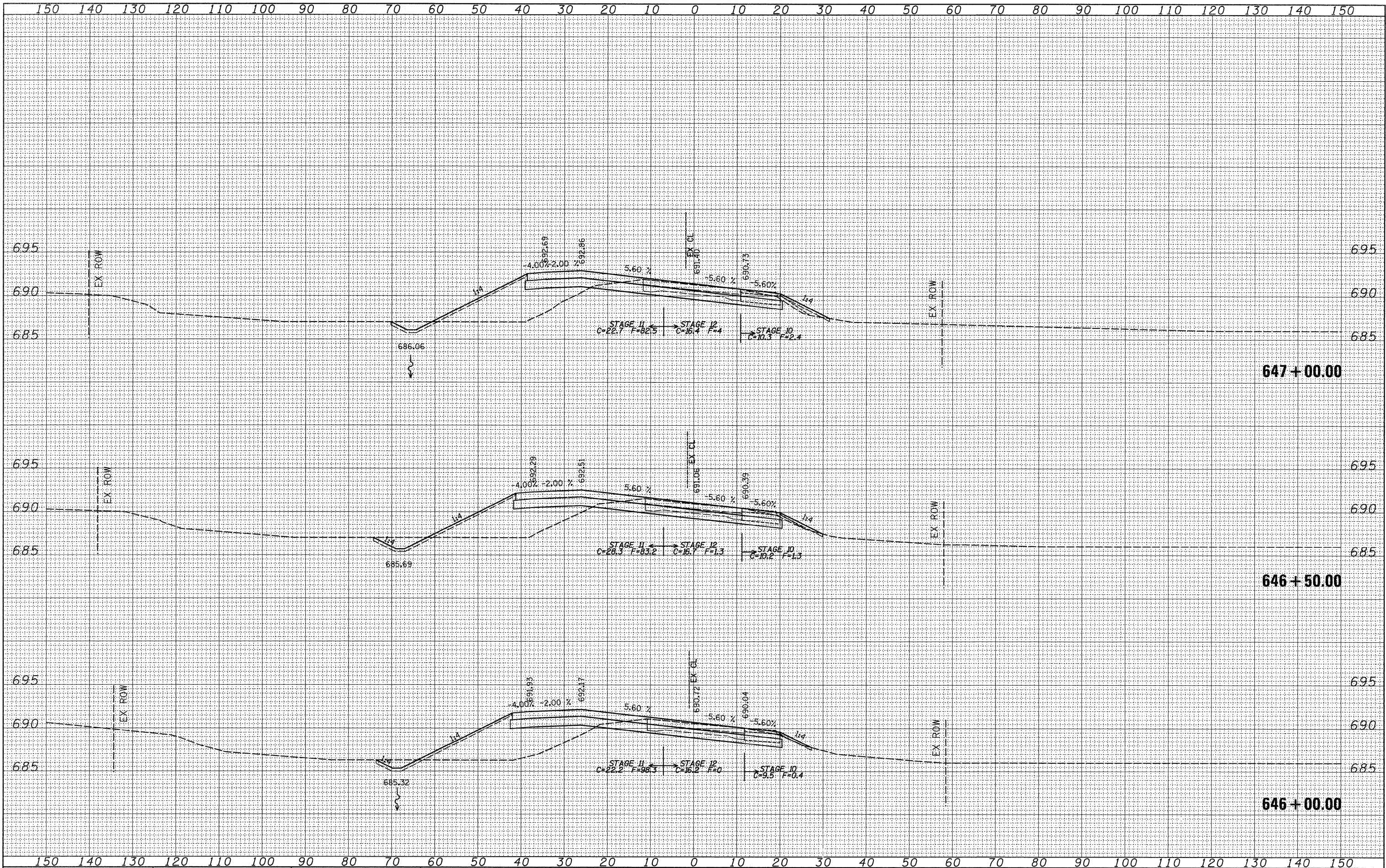
FINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	AREAS		
	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	AREAS		
	CHECKED		



FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
AREAS	CHECKED		
NO.			

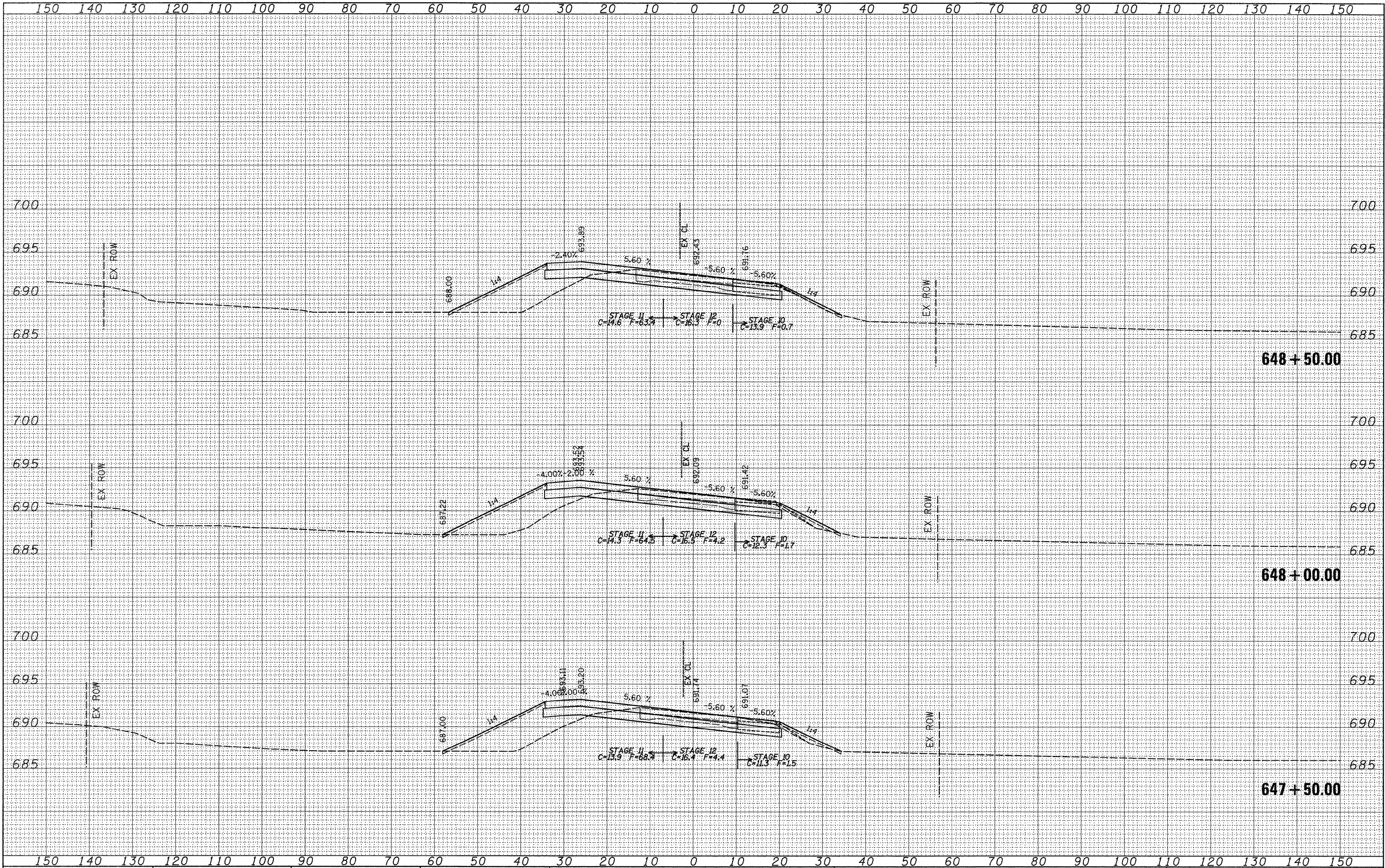
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
AREAS	CHECKED		
NO.			



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\PIWIDOT\CUSHMANBW\dms34123\486486.mxd	htl.dgn	DRAWN -	REVISED -									742	37R-3	OGLE	345	275
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -									CONTRACT NO. 84788				
PLOT DATE = Thu Apr 30 11:04:40 2009		DATE -	REVISED -									FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SCALE:				SHEET NO. OF SHEETS				STA. 646+00.00 TO STA. 647+00.00								

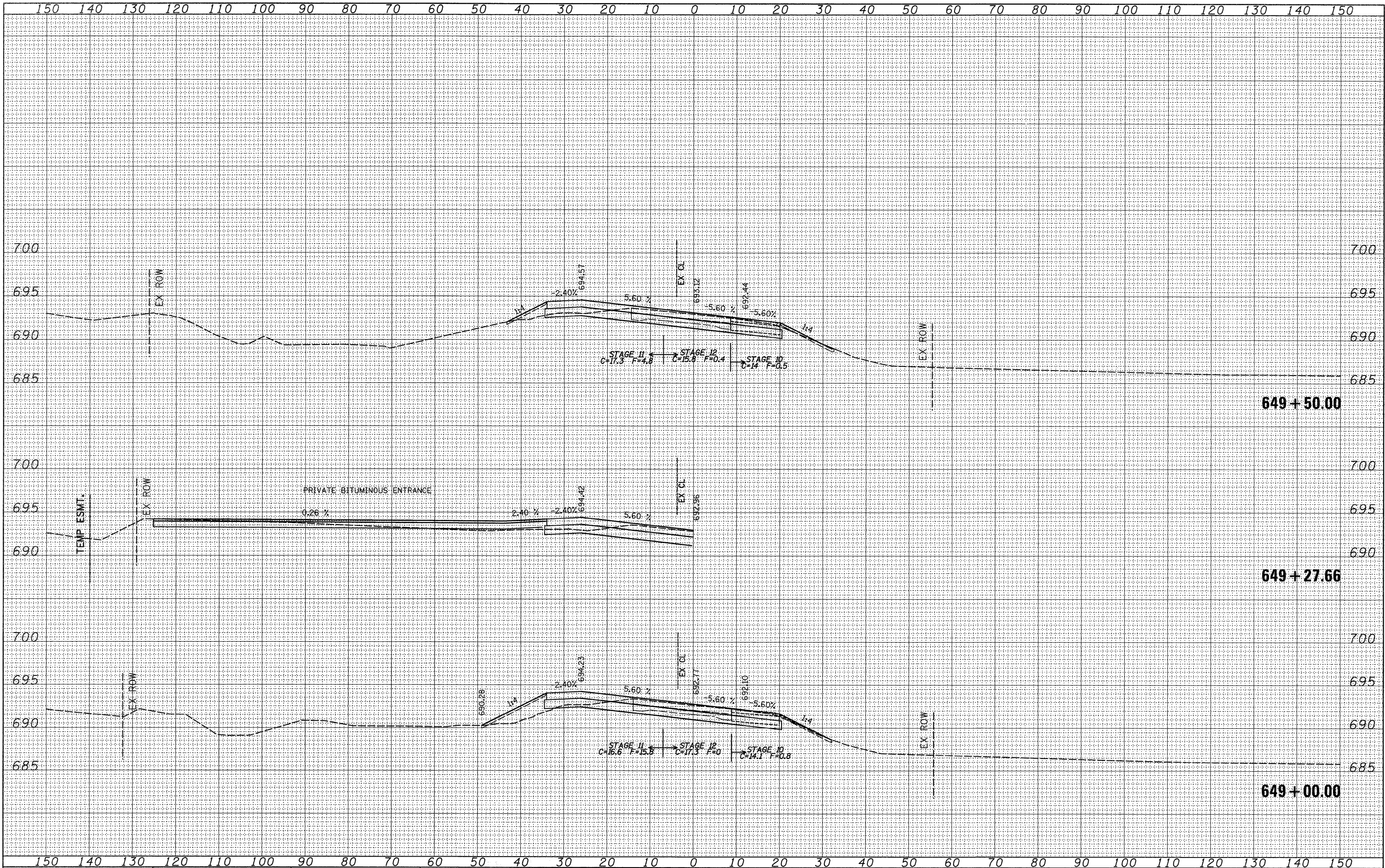
FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REVISIONS		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REVISIONS		
NO.	AREAS CHECKED		



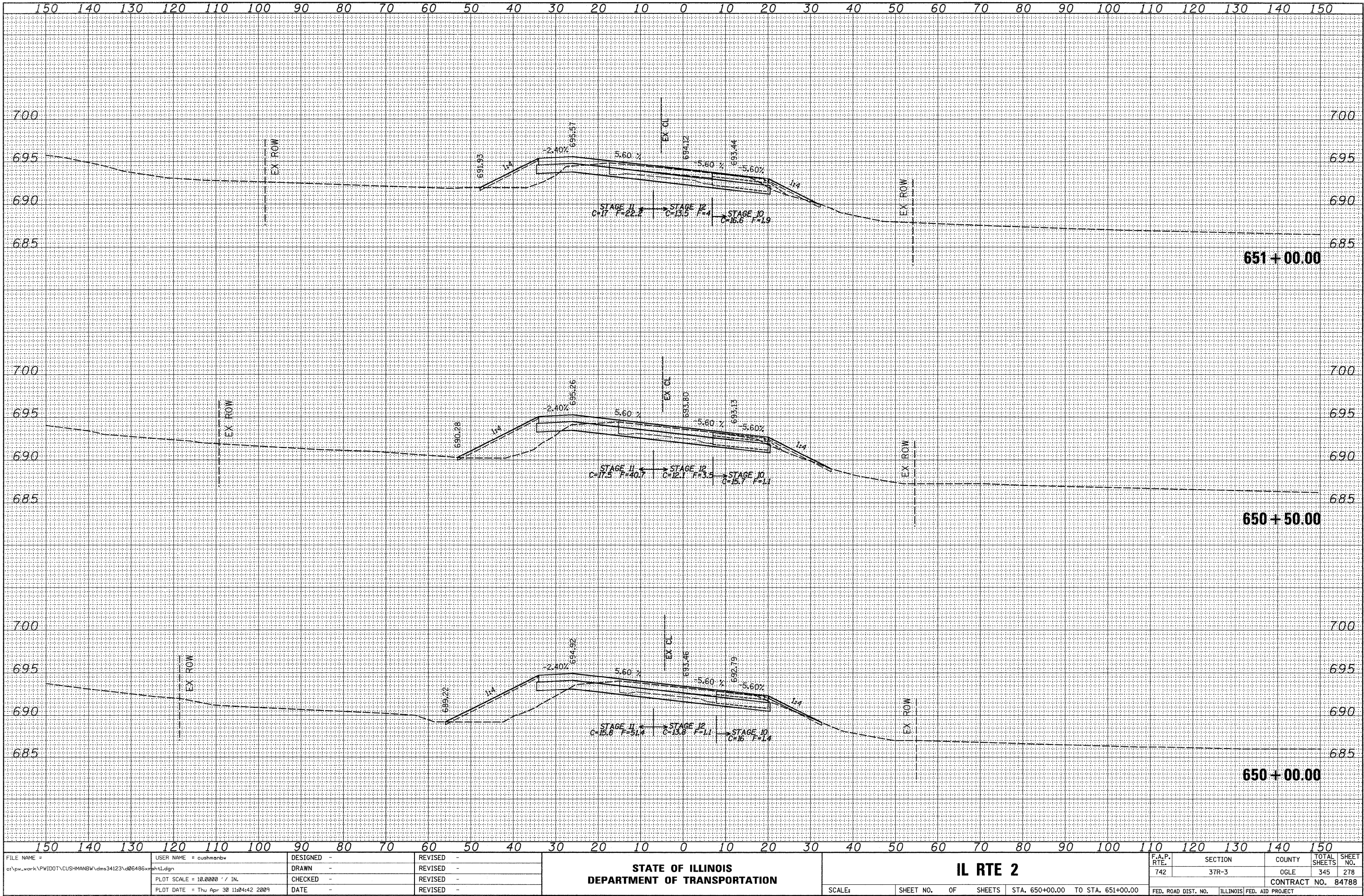
FINAL	BY	DATE
SURVEY		
PLOTTED		
NOTE BOOK		
NO.		

ORIGINAL	BY	DATE
SURVEY		
PLOTTED		
NOTE BOOK		
NO.		



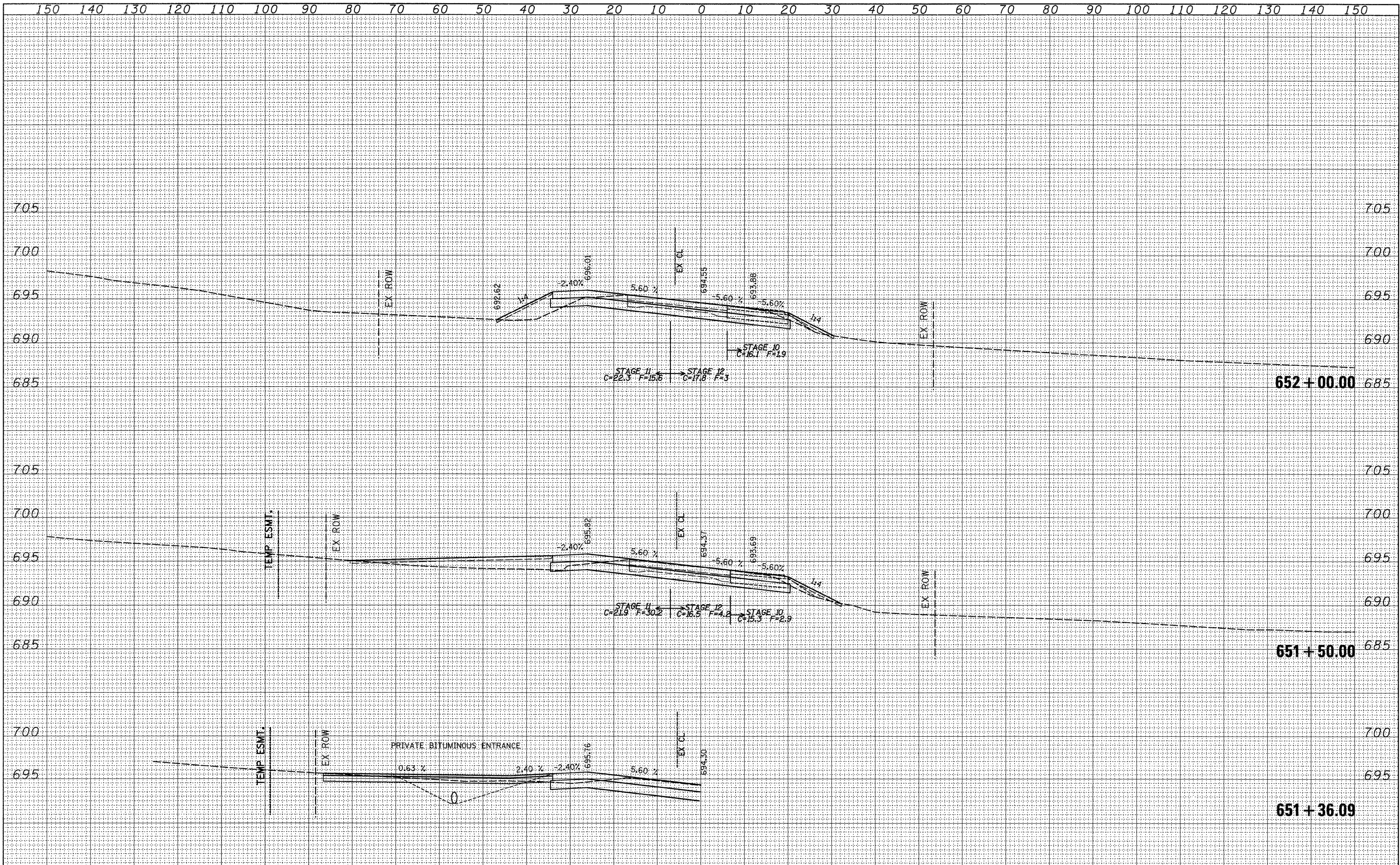
FINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	AREAS		
	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	AREAS		
	CHECKED		



FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		

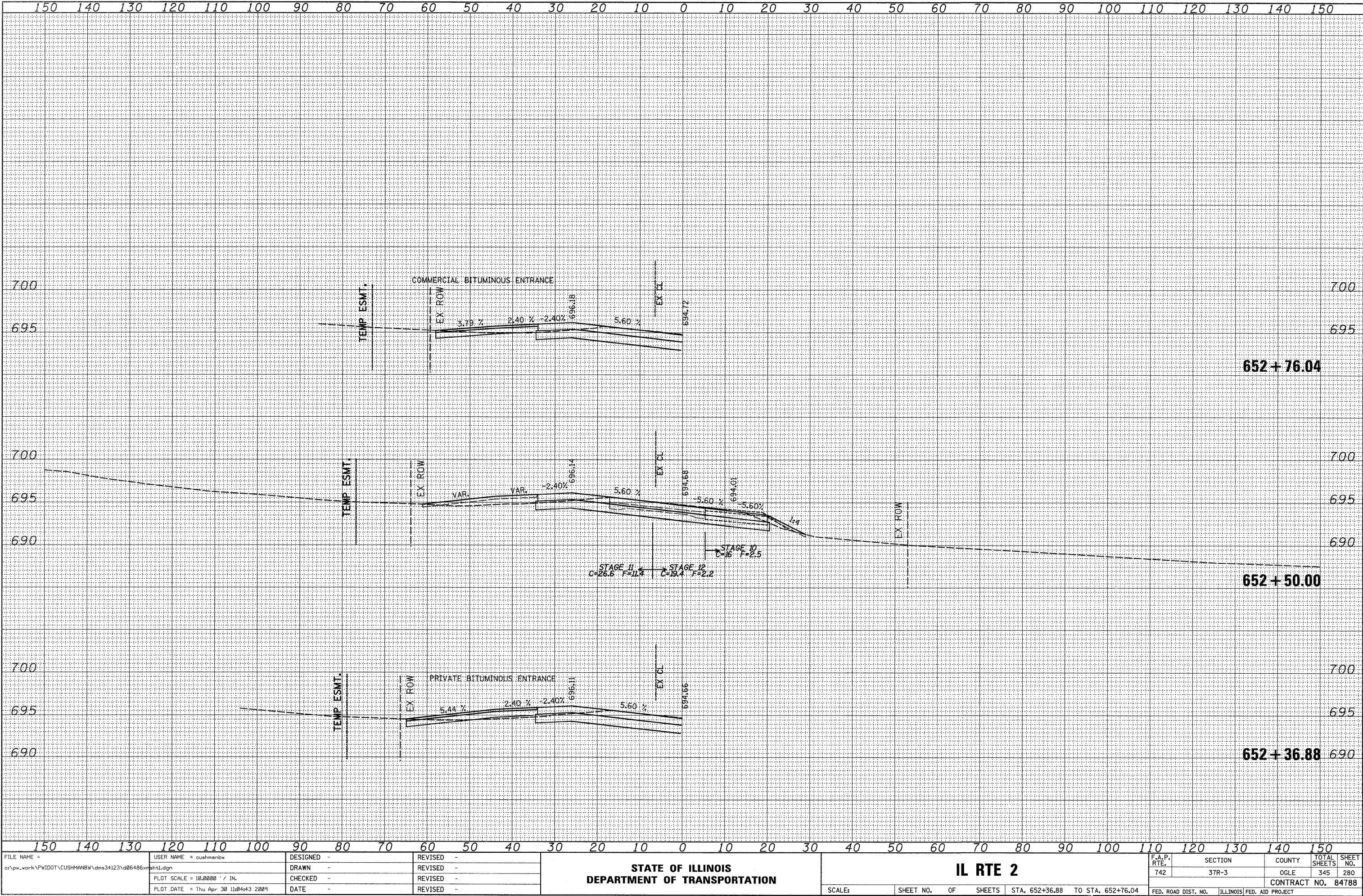
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150																									
FILE NAME =		USER NAME = cushmanbw		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						IL RTE 2				F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pw_work\PWIDOT\CUSHMANBW\dms34123\086486.mxd		shvl.dgn		DRAWN -		REVISED -												742	3TR-3		OGLE	345	279		
		PLOT SCALE = 10.0000' / IN.		CHECKED -		REVISED -																CONTRACT NO. 84788			
		PLOT DATE = Thu Apr 30 11:04:43 2009		DATE -		REVISED -																			
				SCALE:				SHEET NO. OF SHEETS				STA. 651+36.09 TO STA. 652+00.00				FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT							

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		

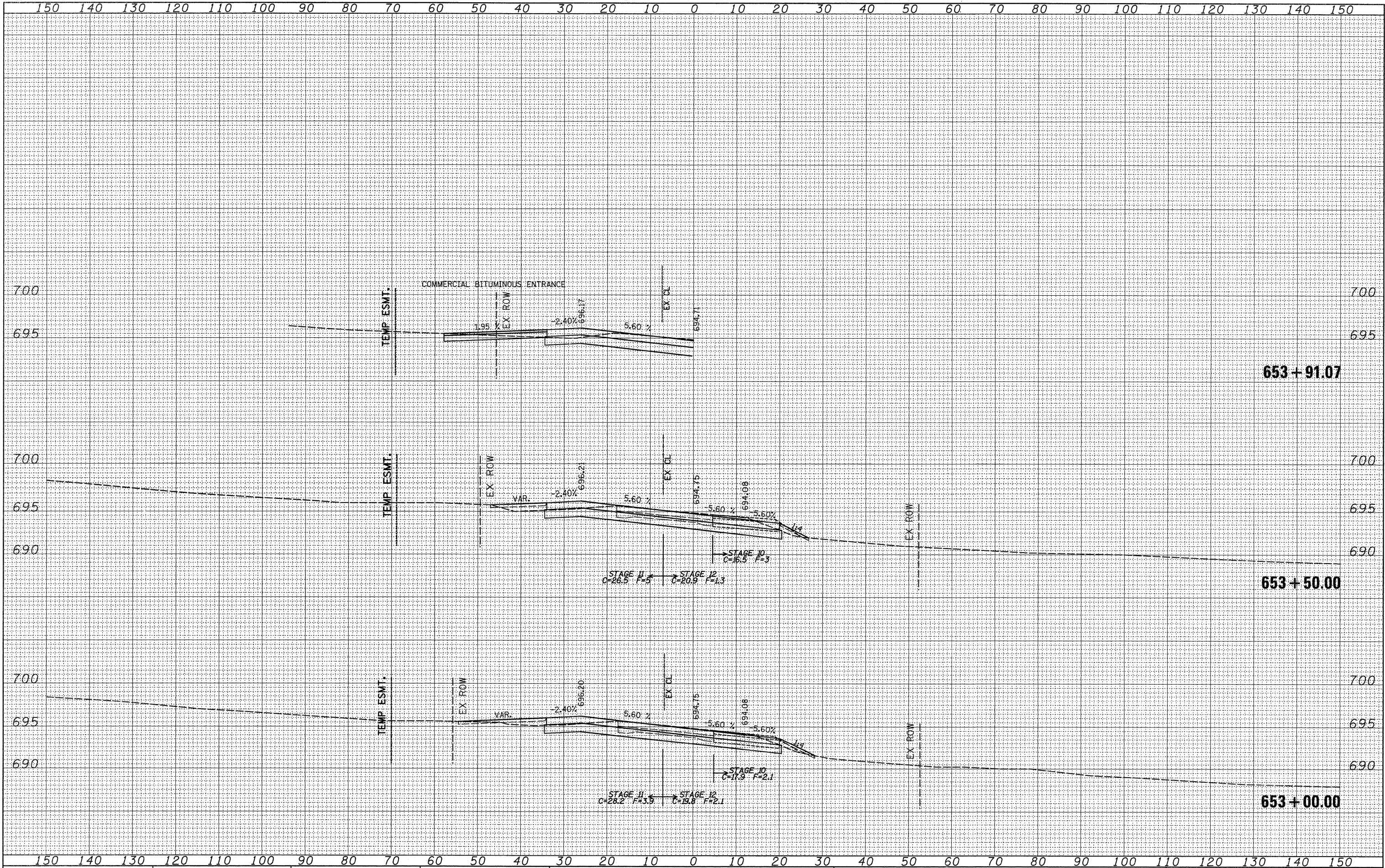
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pw_work\PWIDOT\CUSHMANBW\dms34123\486486.mht.dgn		DRAWN -	REVISED -							742	37R-3	OGLE	345	280		
		PLLOT SCALE = 10.0000' / IN.	CHECKED -							CONTRACT NO. 84788						
		PLLOT DATE = Thu Apr 30 11:04:43 2009	DATE -							SCALE:	SHEET NO.	OF	SHEETS	STA. 652+36.88 TO STA. 652+76.04		
												FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

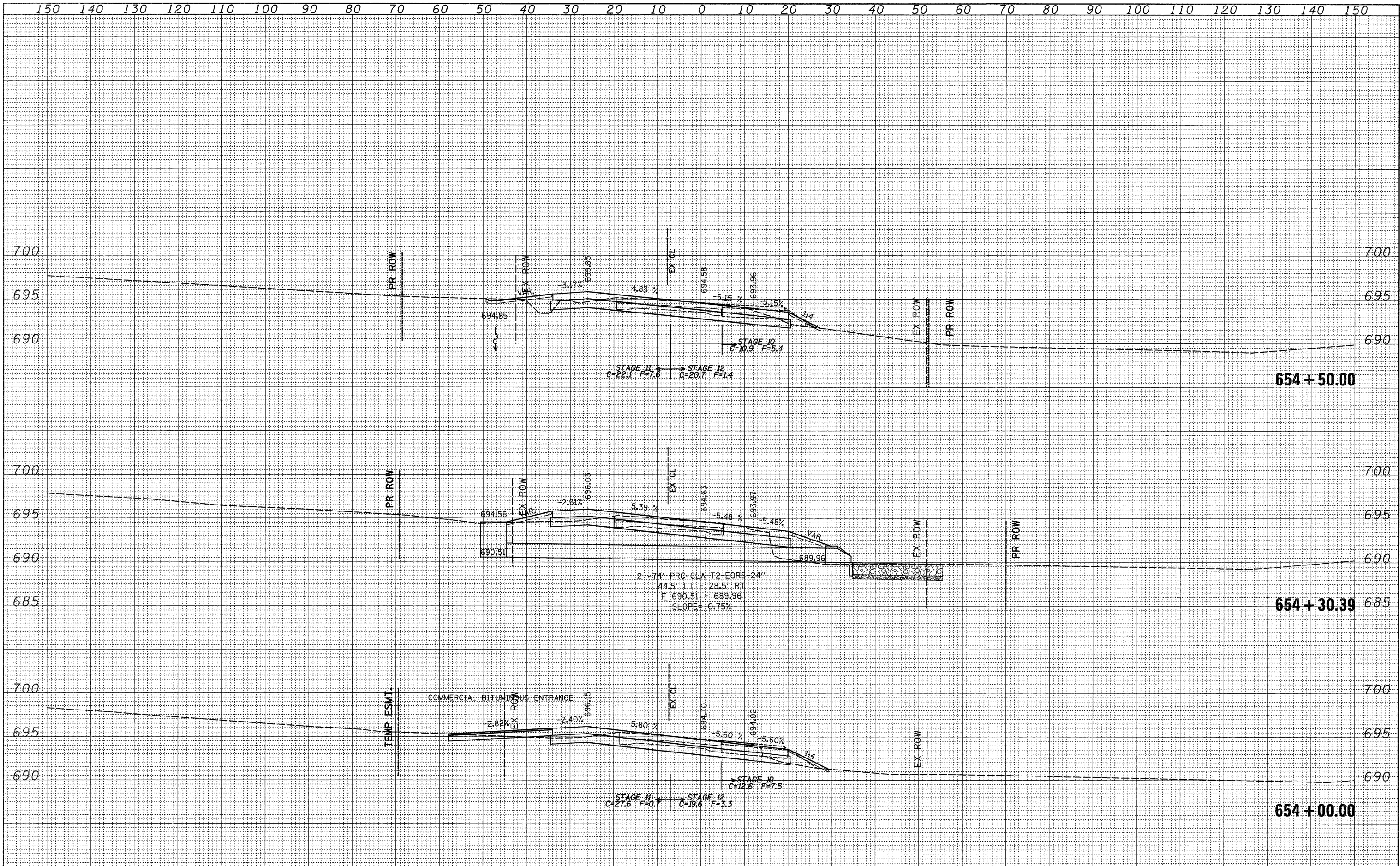
FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
AREAS	AREAS		
CHECKED	CHECKED		
NO.	NO.		

ORIGINAL	BY	DATE
SURVEY		
NOTE BOOK		
AREAS		
CHECKED		
NO.		



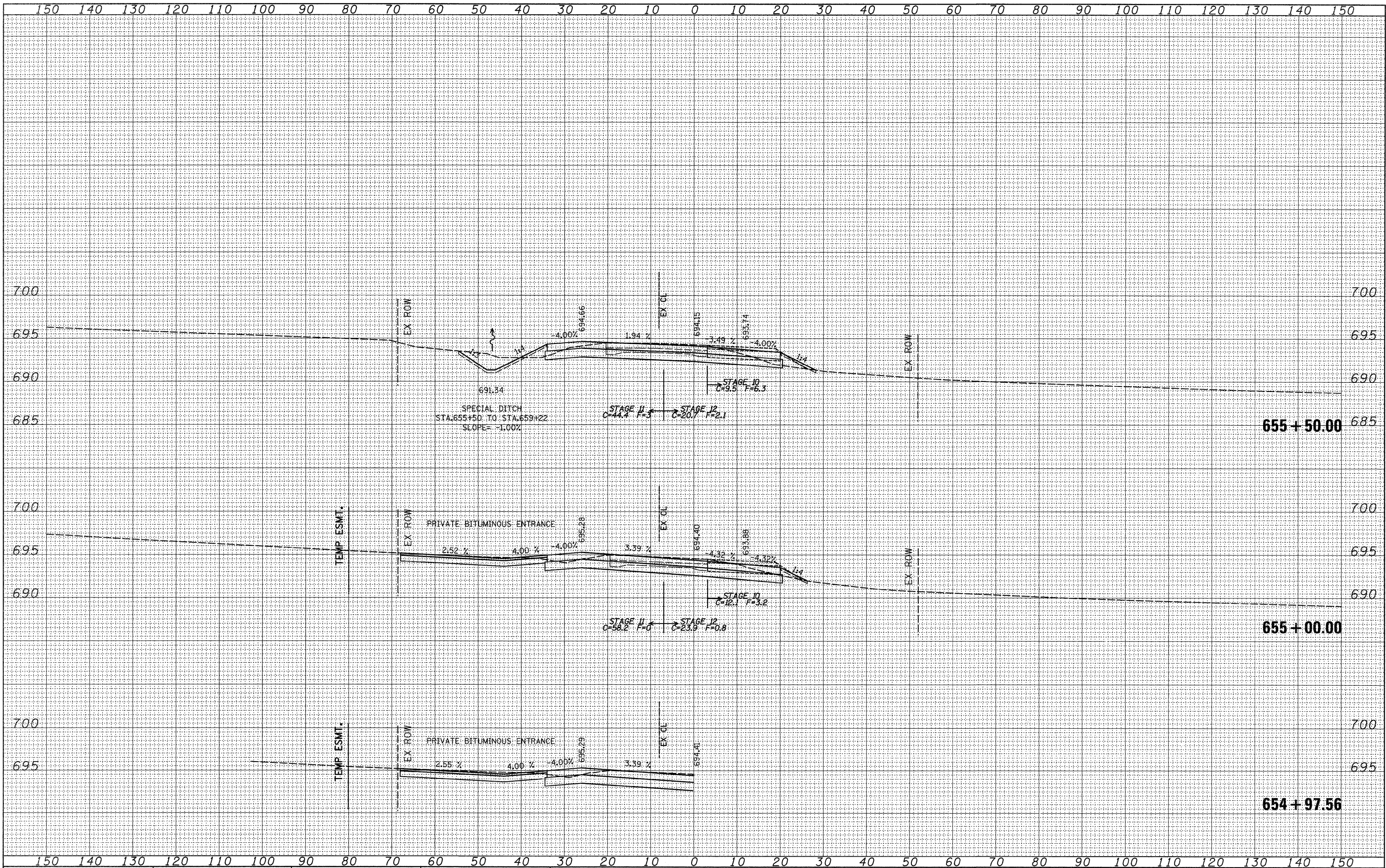
FINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	AREAS		
	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	AREAS		
	CHECKED		



FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS CHECKED		

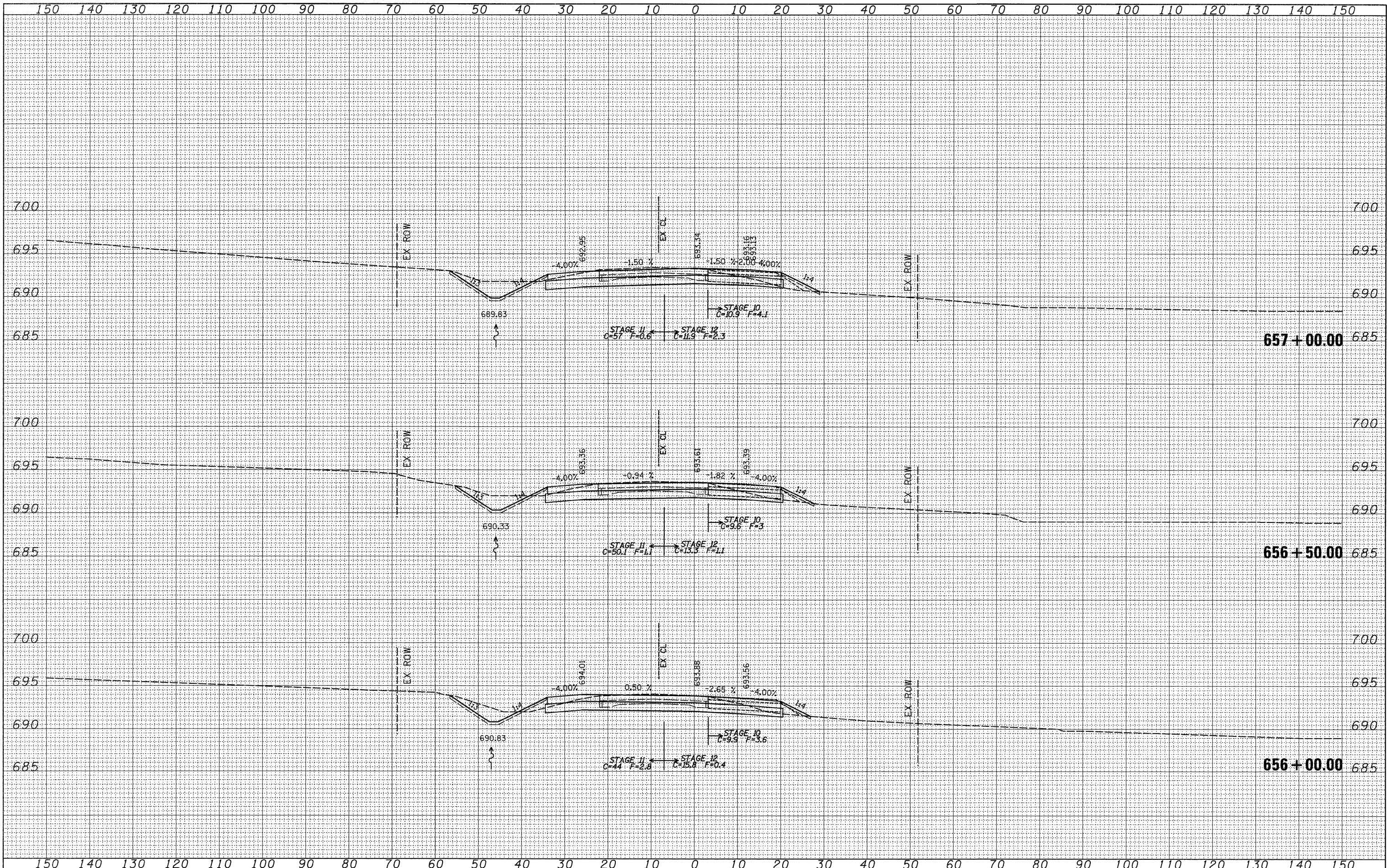
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS CHECKED		



FILE NAME = c:\pw_work\XPWIDOT\CUSHMANBW\dms34123\d86486xmshet1.dgn	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED -			742	3TR-3	OGLE	345	283		
	PLOT SCALE = 10.0000 ' / IN.	CHECKED -	REVISED -			CONTRACT NO. 84788						
	PLOT DATE = Thu Apr 30 11:04:45 2009	DATE -	REVISED -									
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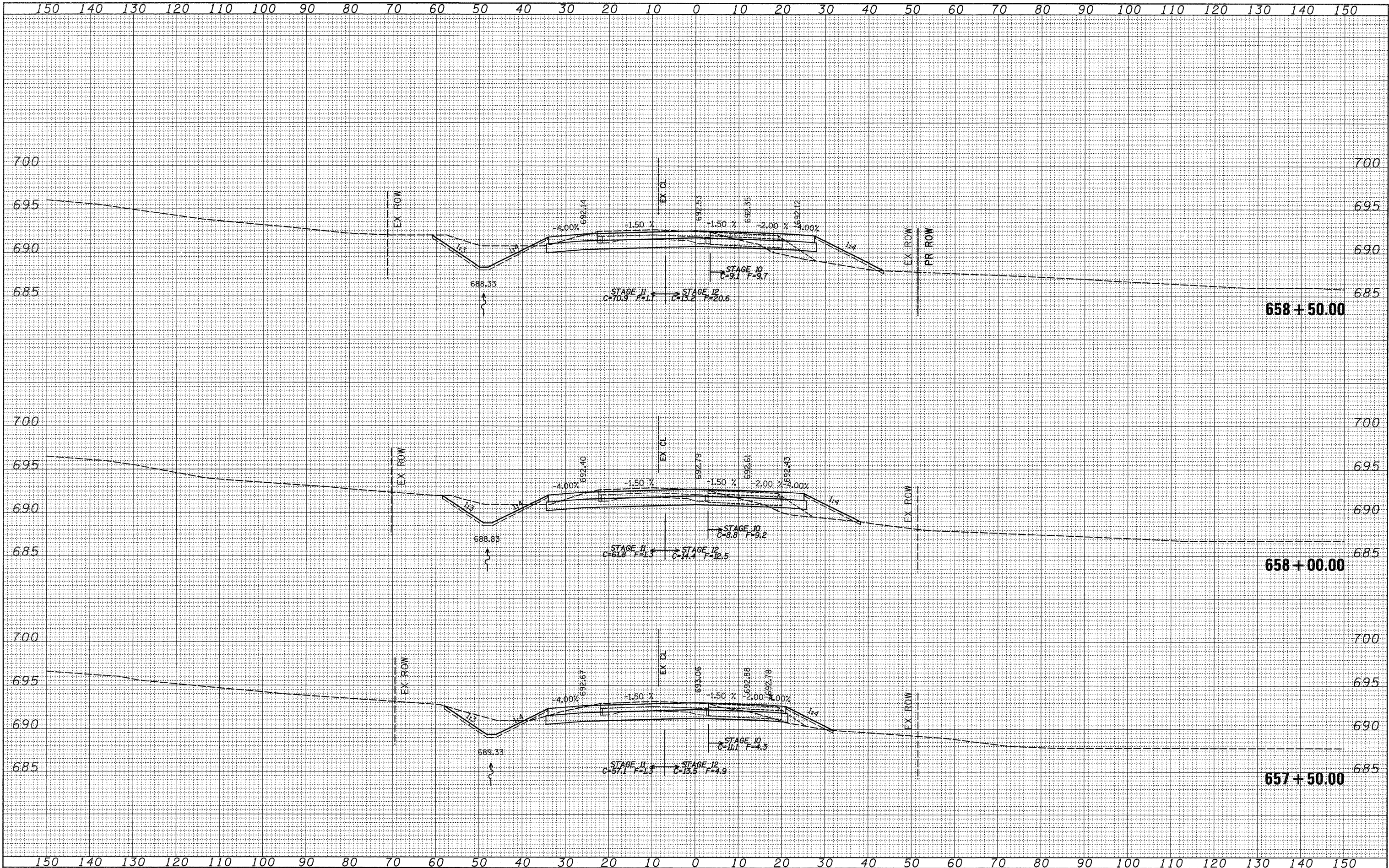
FINAL	DATE
SURVEY	BY
PLOTTED	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

ORIGINAL	DATE
SURVEY	BY
PLOTTED	
NOTE BOOK	
AREAS	
CHECKED	
NO.	



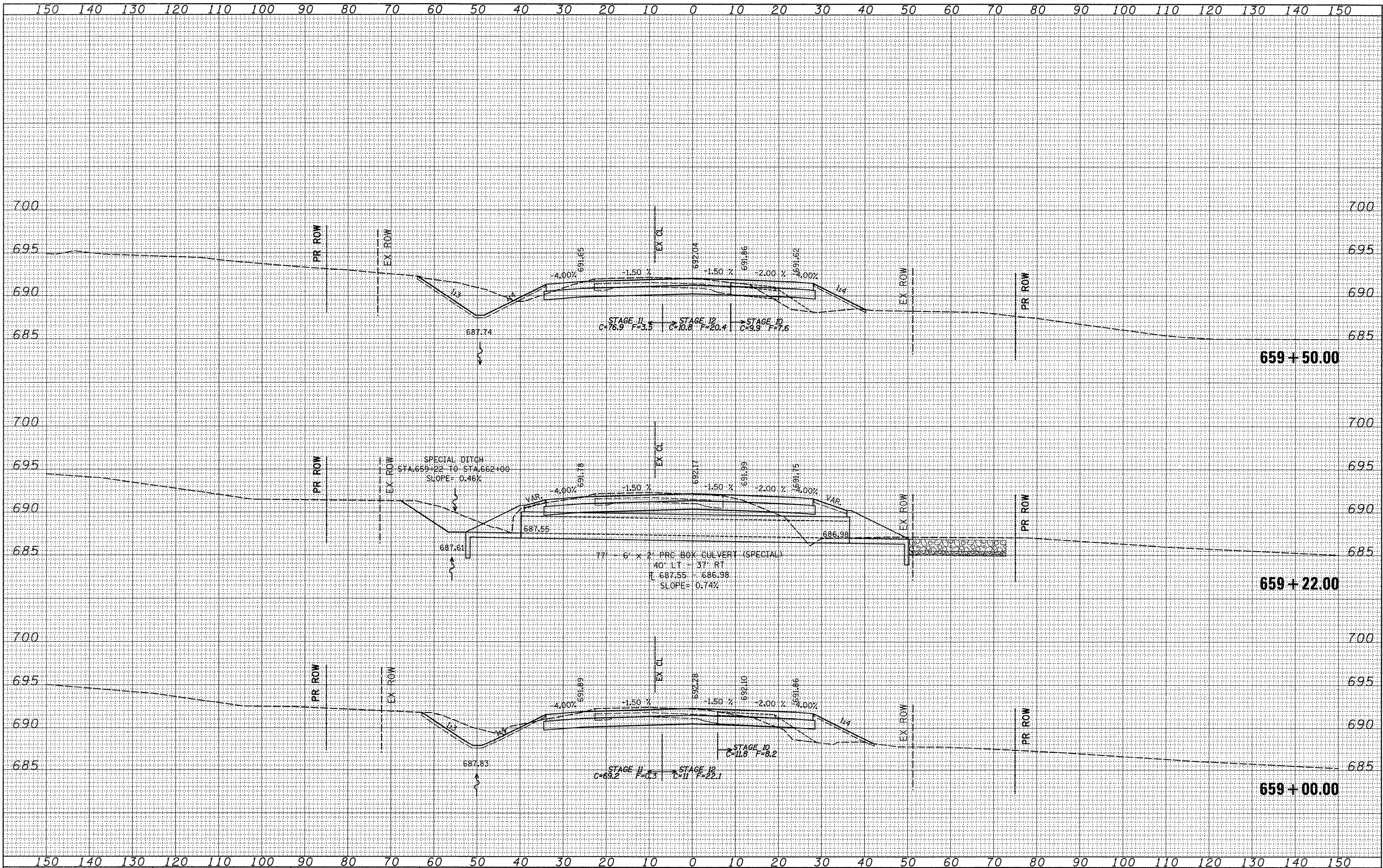
FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS	CHECKED	

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS	CHECKED	



DATE	BY	SURVEYED	PLOTTED	DATE	NO.

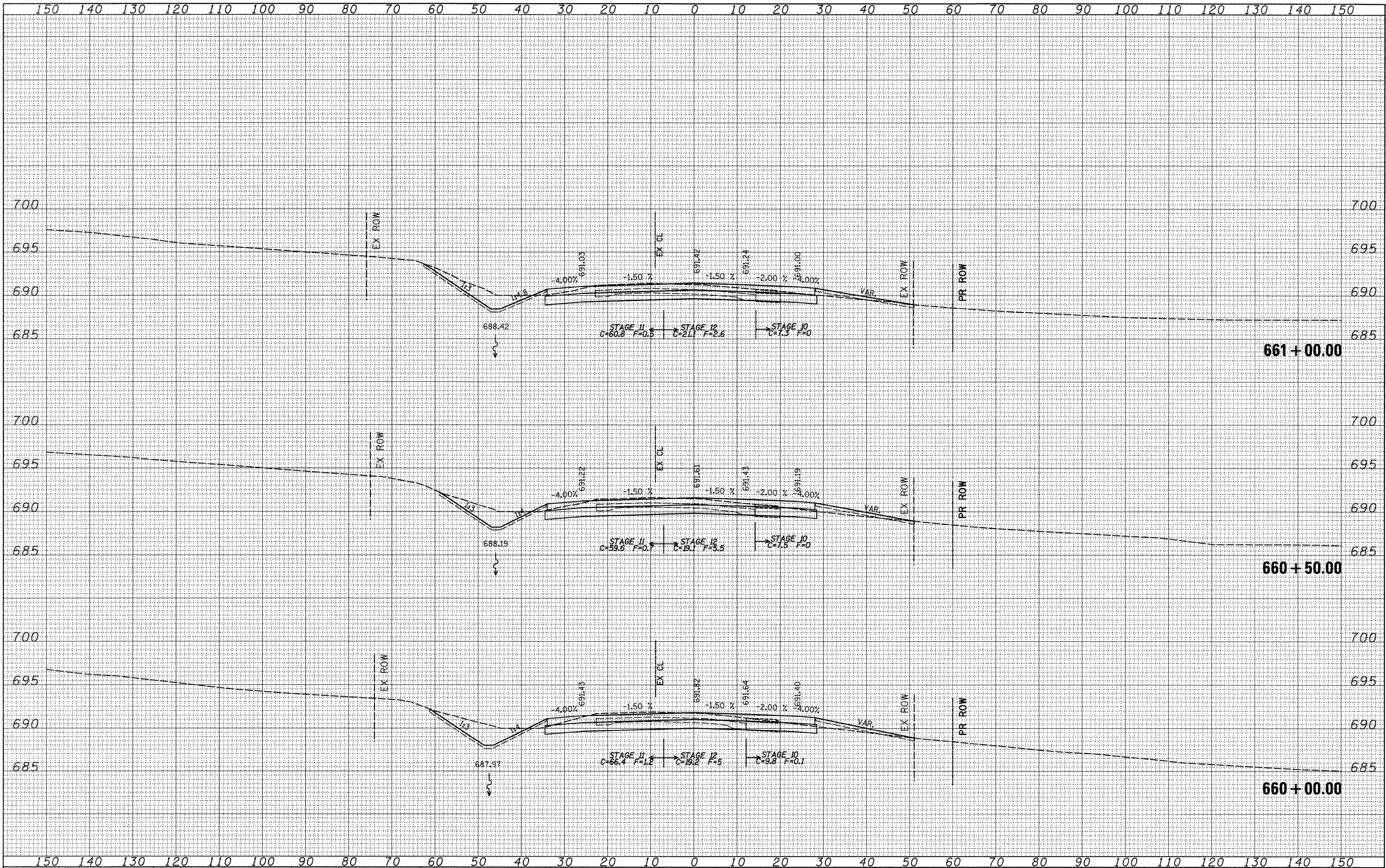
DATE	BY	SURVEYED	PLOTTED	DATE	NO.



FILE NAME = c:\pw_work\PIWIDOT\CUSHMANBW\dms34123\d06486xshd.dgn	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.				
		DRAWN -	REVISED -			742	37R-3	OGLE	345	286
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	PLOT DATE = Thu Apr 30 11:04:46 2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET NO.	OF	SHEETS	STA. 659+00.00 TO STA. 659+50.00

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
AREAS	CHECKED		
NO.			

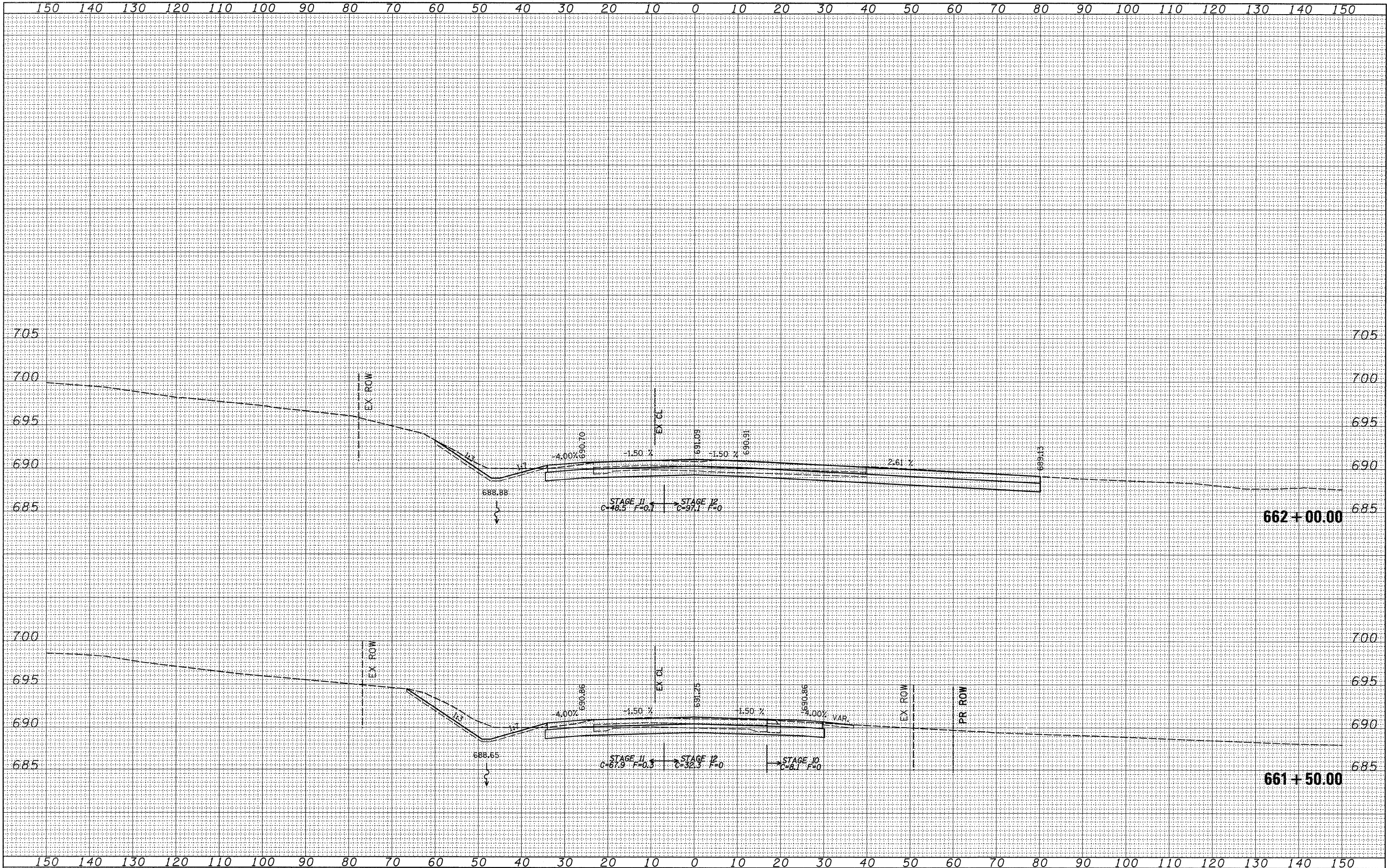
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
AREAS	CHECKED		
NO.			



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\PIWIDOT\CUSHMANBW\dms34123\d86486x.mhtl.dgn		DRAWN -	REVISED -									742	37R-3	OGLE	345	287
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -									CONTRACT NO. 84788				
PLOT DATE = Thu Apr 30 11:04:47 2009		DATE -	REVISED -									FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SCALE:				SHEET NO. OF SHEETS				STA. 660+00.00 TO STA. 661+00.00								

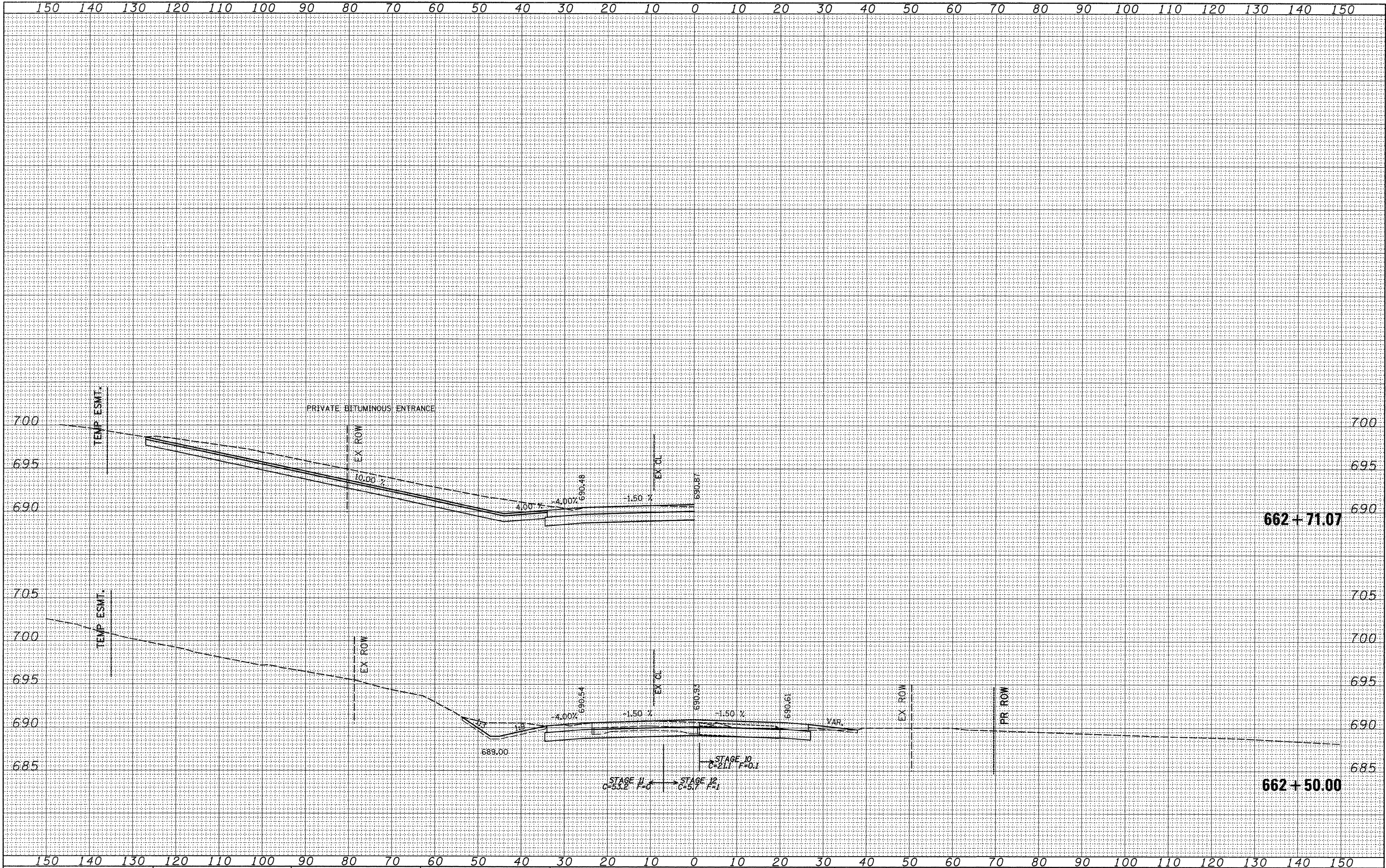
DATE	BY	SURVEYED	PLOTTED	NOTE BOOK	AREAS CHECKED

DATE	BY	SURVEYED	PLOTTED	NOTE BOOK	AREAS CHECKED



FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS CHECKED		

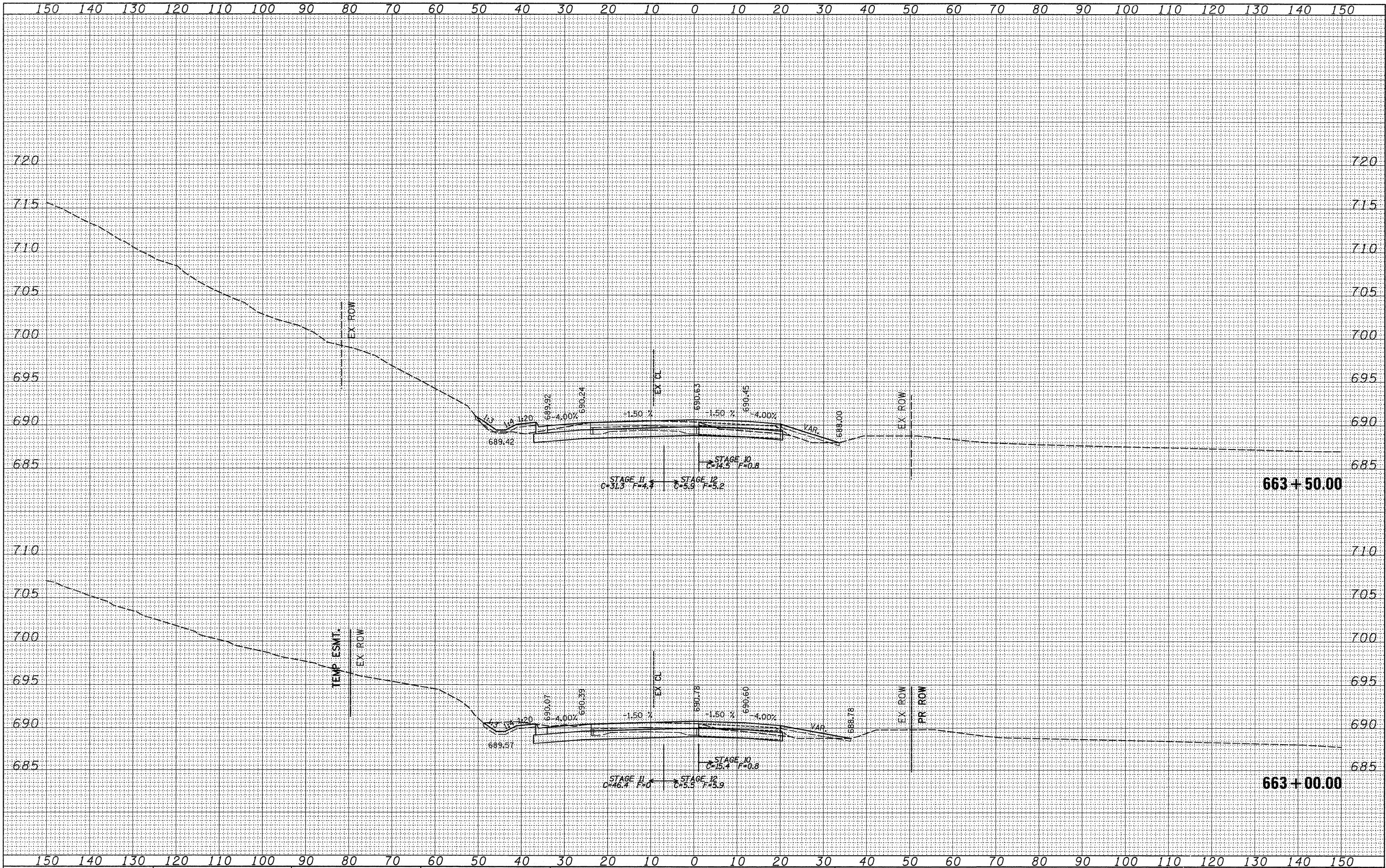
ORIGINAL	BY	DATE
SURVEY		
NOTE BOOK		
NO.	AREAS CHECKED	



FILE NAME = c:\pv_work\PIWIDOT\CUSHMANBW\dms34123\d86486.mxd	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	eh1.dgn	DRAWN -	REVISED -			742	37R-3	OGLE	345	289		
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	PLOT DATE = Thu Apr 30 11:04:48 2009	DATE -	REVISED -									
				SCALE:	SHEET NO.	OF	SHEETS	STA. 662+50.00 TO STA. 662+71.07		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

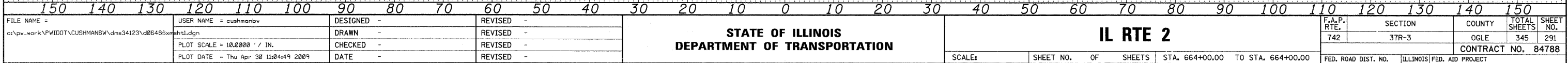
FINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	AREAS		
	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	AREAS		
	CHECKED		



FILE NAME = or\pwork\PIWIDOT\CUSHMANBW\dms34123\06486x.mht.dgn	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2	SCALE:	SHEET NO.	OF	SHEETS	STA. 663+00.00 TO STA. 663+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -								742	3TR-3	OGLE	345	290
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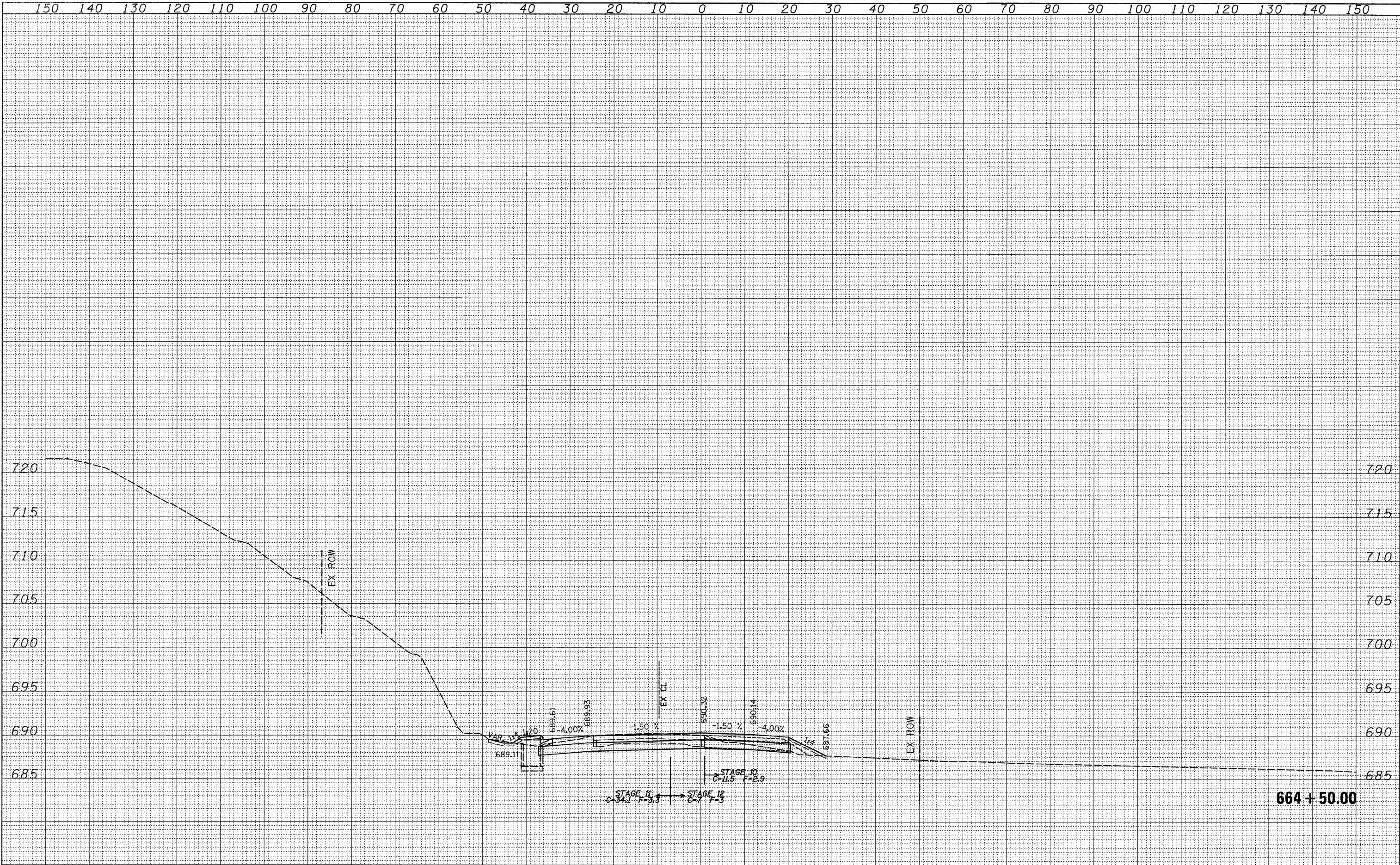
ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\PIWIDOT\CUSHMANBW\dms34123\d0648xmsht1.dgn	shht1.dgn	DRAWN -	REVISED -						742	37R-3	OGLE	345	291
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PLOT DATE = Thu Apr 30 11:04:49 2009		DATE -	REVISED -										
				SCALE:	SHEET NO.	OF	SHEETS	STA. 664+00.00 TO STA. 664+00.00	FED. ROAD DIST. NO. ILLINIS FED. AID PROJECT				

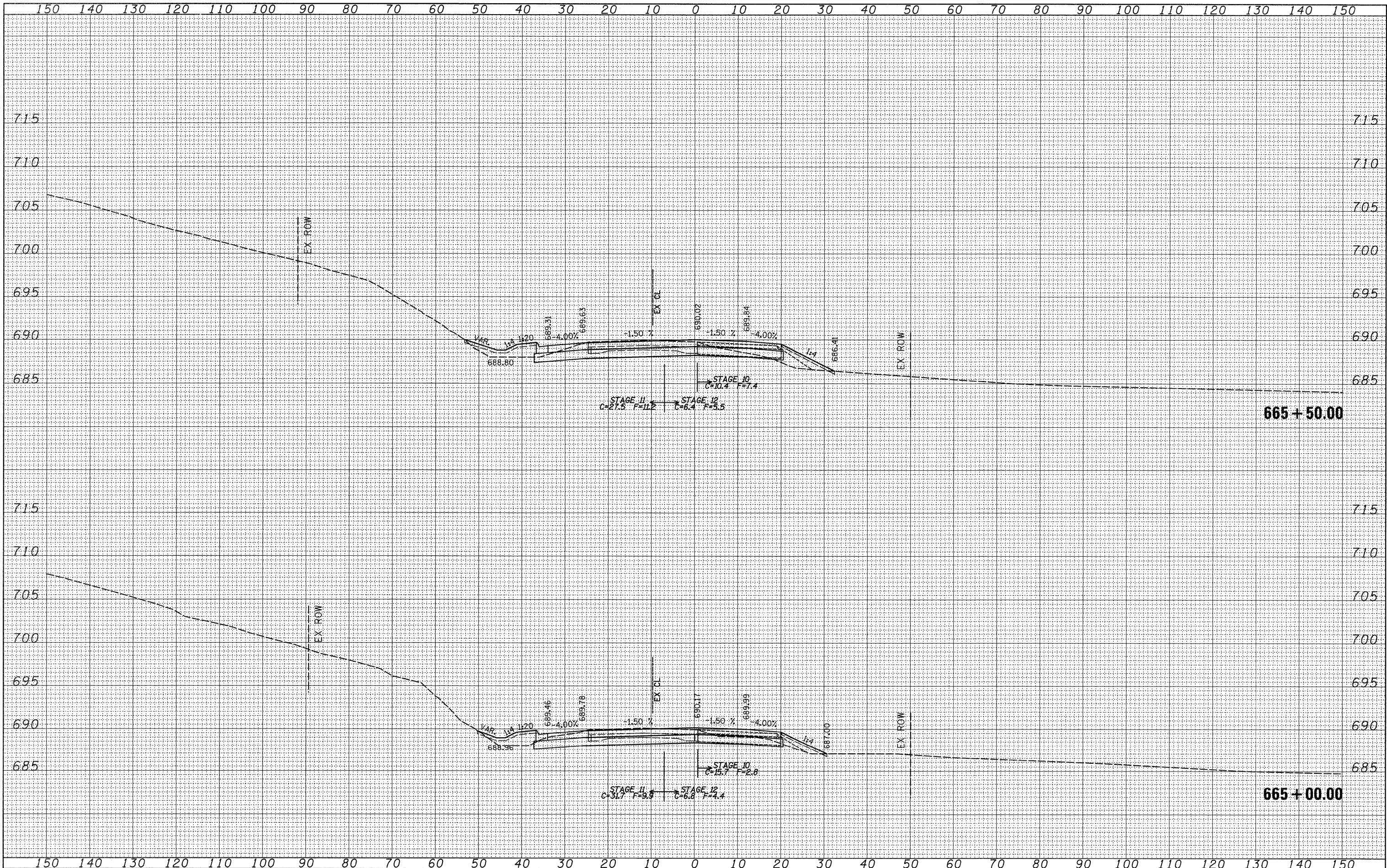
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	REDATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	REDATE		
	AREAS		
	CHECKED		



FILE NAME =		USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\PWIDOT\CUSHMANBW\dms34123\06486\mht1.dgn			DRAWN -	REVISED -						742	37R-3	OGLE	345	292
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PLOT DATE = Thu Apr 30 11:04:50 2009			DATE -	REVISED -										
										CONTRACT NO. 84788				
SCALE:						SHEET NO.	OF	SHEETS	STA. 664+50.00	TO STA. 664+50.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

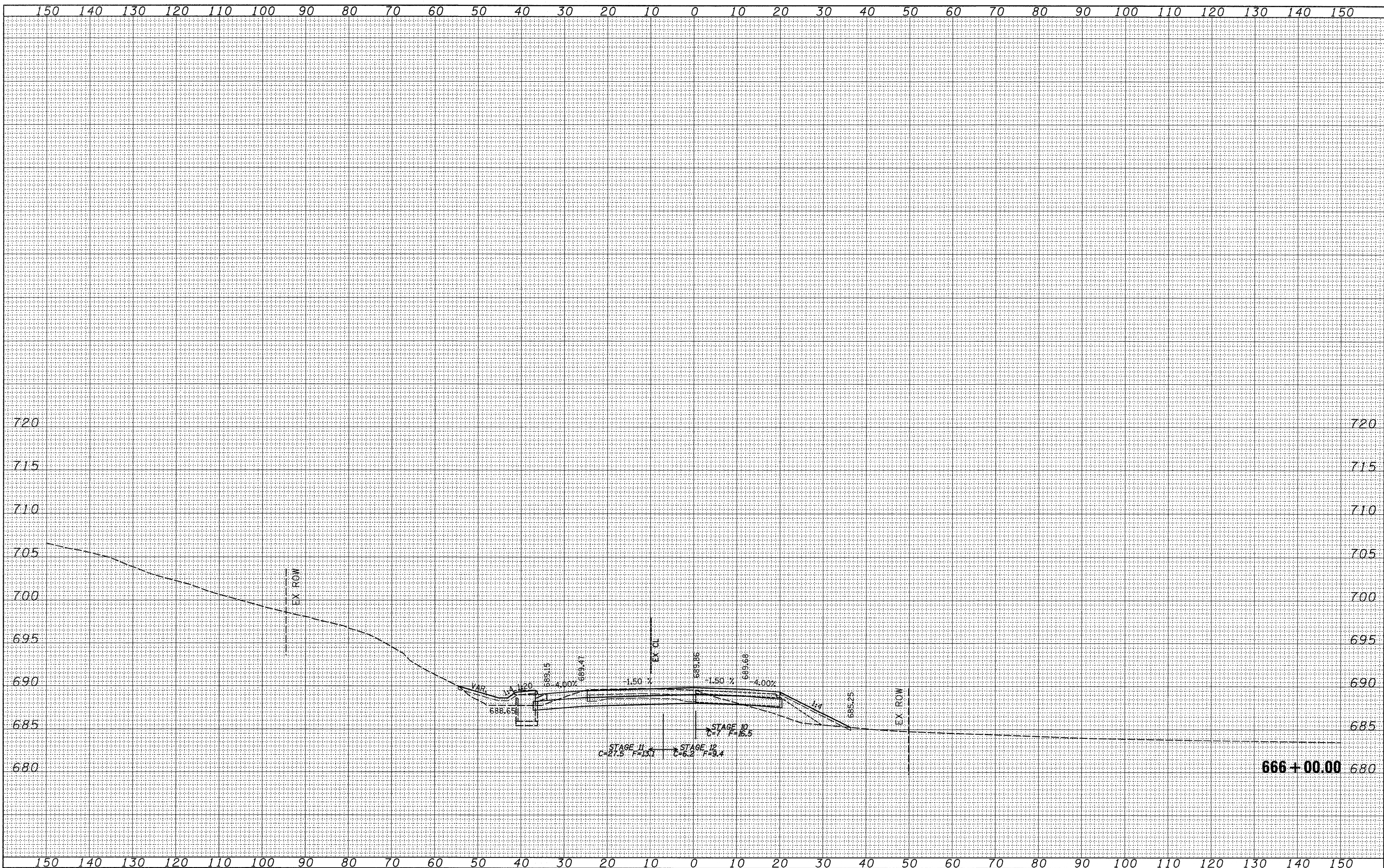
ORIGINAL SURVEY	BY _____		DATE _____
NOTE BOOK	SURVEYED _____		
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Thu Apr 30 11:04:50 2009	DATE -	REVISED -	SCALE:		SHEET NO.	OF	SHEETS	STA. 665+00.00 TO STA. 665+50.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY _____		DATE _____
NOTE BOOK	SURVEYED _____		
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

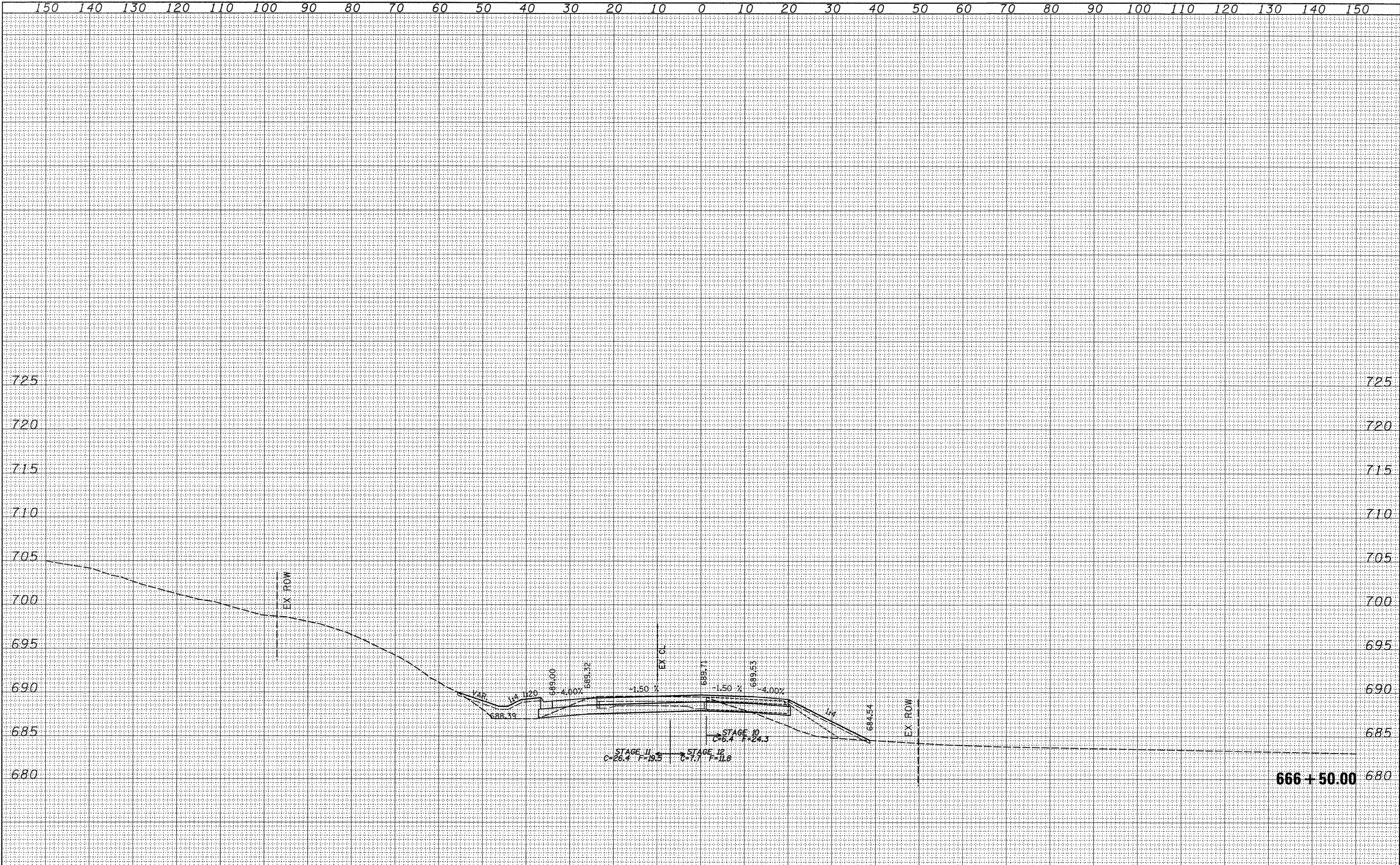
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NOTE BOOK	SURVEYED _____	BY _____			DATE _____
	PLOTTED _____				
	TEMPLATE _____				
	AREAS _____				
NO. _____	AREAS CHECKED _____				



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
os\pw_work\NPWIDOT\CUSHMANBW\dms34123\d06486xmsht1.dgn	DRAWN -	REVISED -	742						37R-3	OGLE	345	294	
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PLOT DATE = Thu Apr 30 11:04:51 2009	DATE -	REVISED -	SCALE:		SHEET NO.	OF	SHEETS	STA. 666+00.00 TO STA. 666+00.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	PLATE		
NO.	AREAS		
	CHECKED		

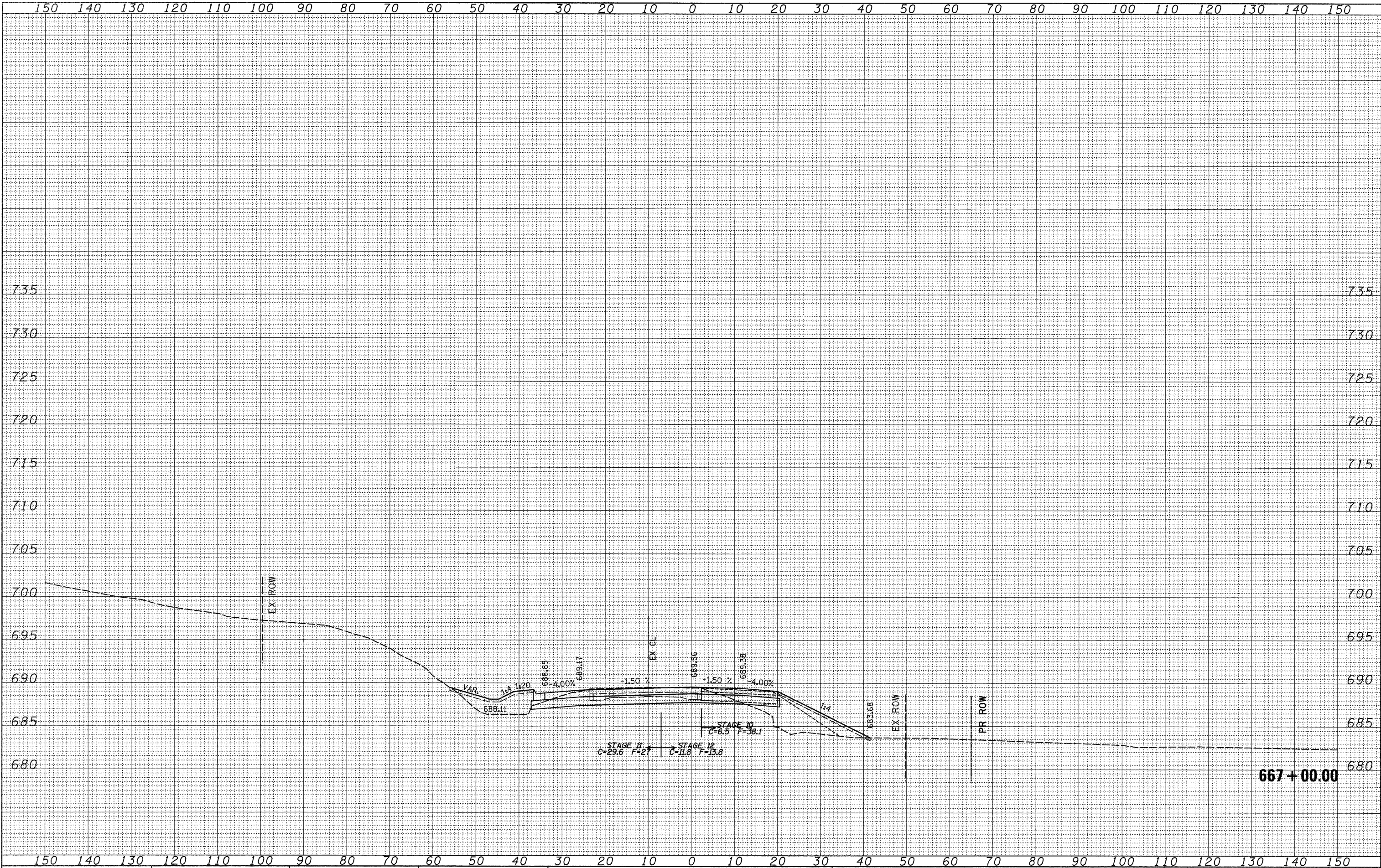
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	PLATE		
NO.	AREAS		
	CHECKED		



150		140		130		120		110		100		90		80		70		60		50		40		30		20		10		0		10		20		30		40		50		60		70		80		90		100		110		120		130		140		150	
FILE NAME =				USER NAME = cushmanbw				DESIGNED -				REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION												IL RTE 2												F.A.P. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.													
c:\pw_work\PWIDOT\CUSHMANBW\dms34123\06486x.mht1.dgn				DRAWN -				REVISED -				742		37R-3																										OGLE		345		295																	
PLOT SCALE = 10.0000' / IN.				CHECKED -				REVISED -				CONTRACT NO. 84788																																																	
PLOT DATE = Thu Apr 30 11:04:52 2009				DATE -				REVISED -																																																					
SCALE:				SHEET NO.				OF				SHEETS				STA. 666+50.00 TO STA. 666+50.00				FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT																																					

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS CHECKED		

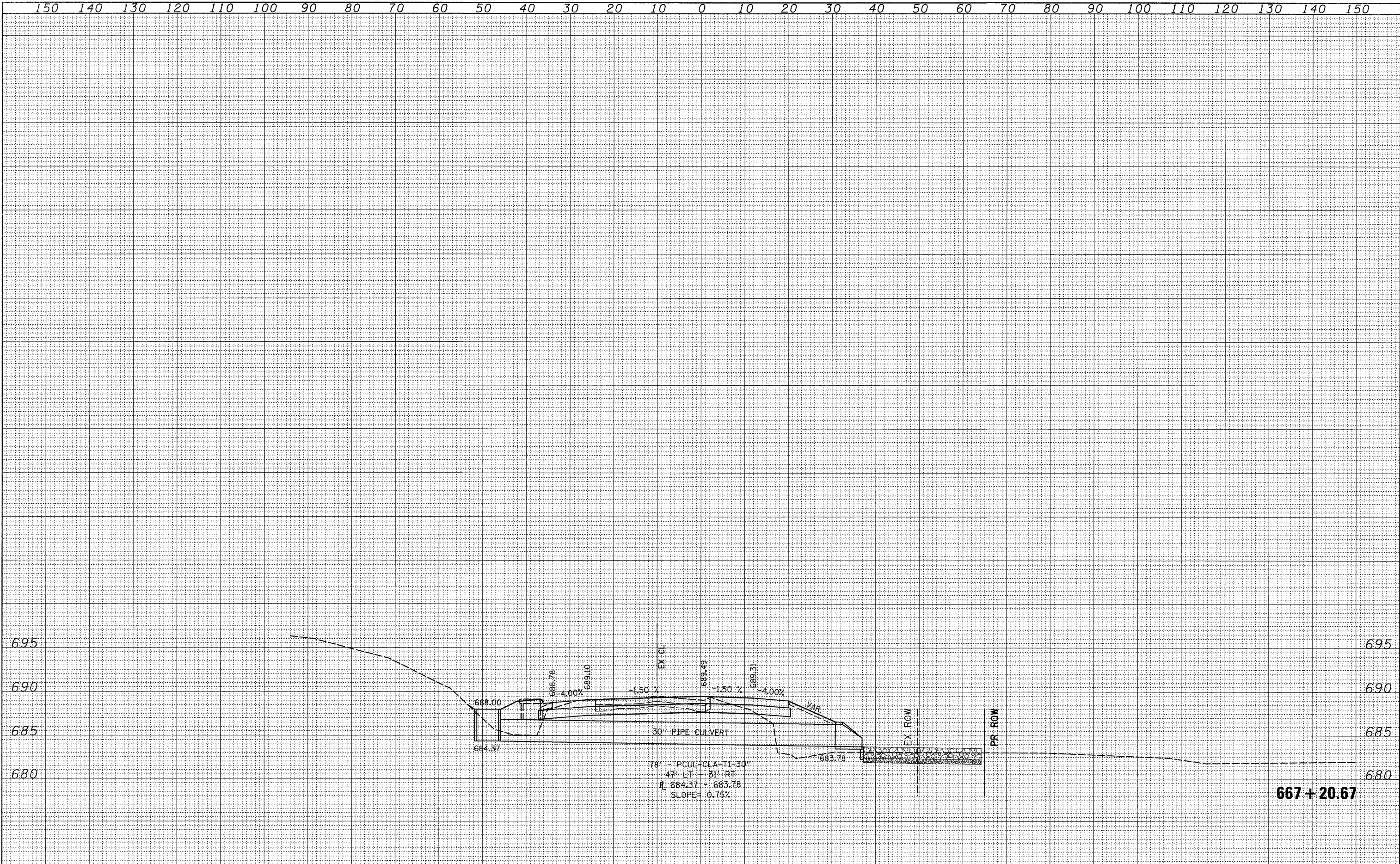
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Thu Apr 30 11:04:52 2009		DATE -	REVISED -									FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SCALE:				SHEET NO. OF SHEETS				STA. 667+00.00 TO STA. 667+00.00								

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		

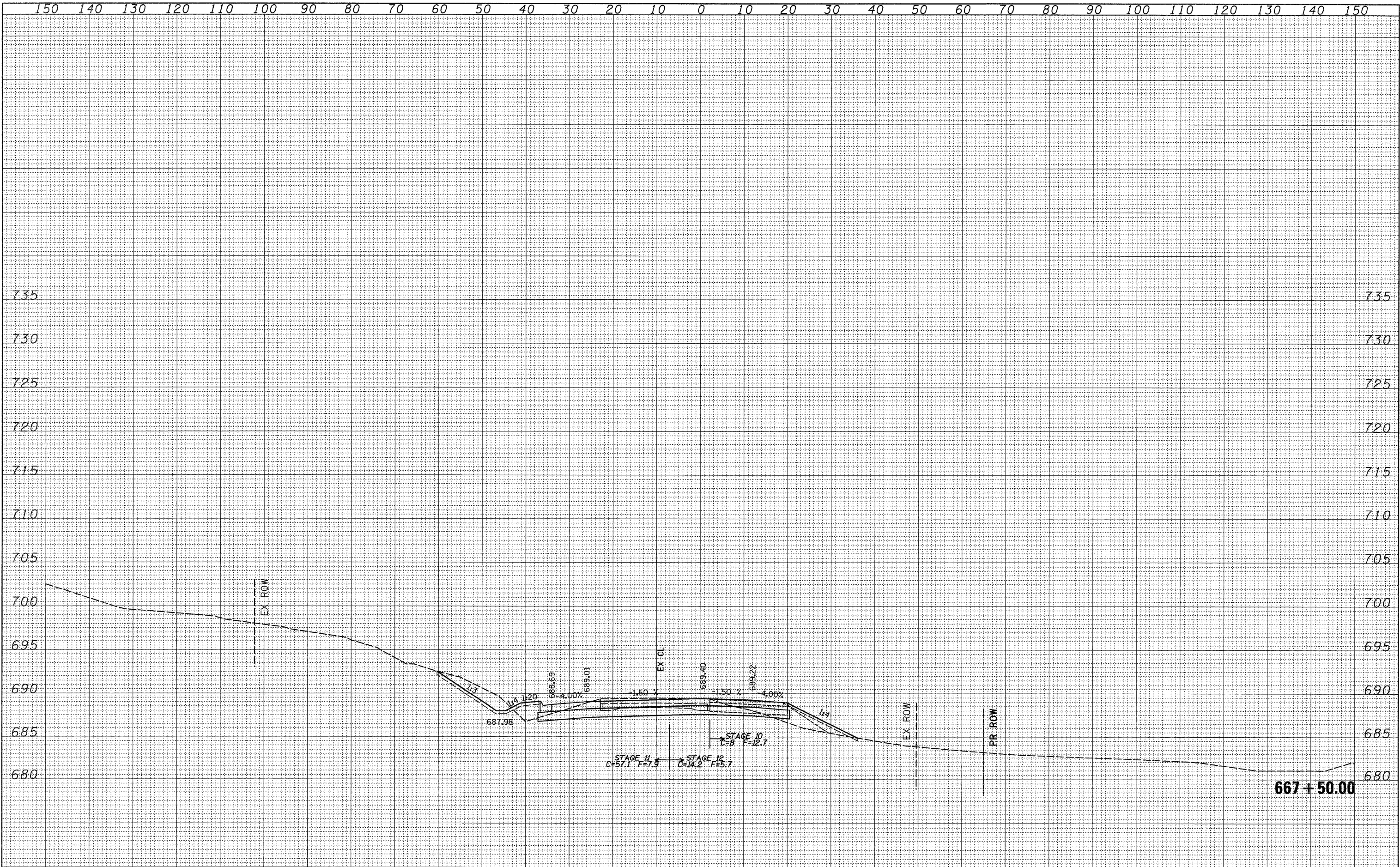
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150																											
FILE NAME =		USER NAME = cushmanbw		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										IL RTE 2				F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		

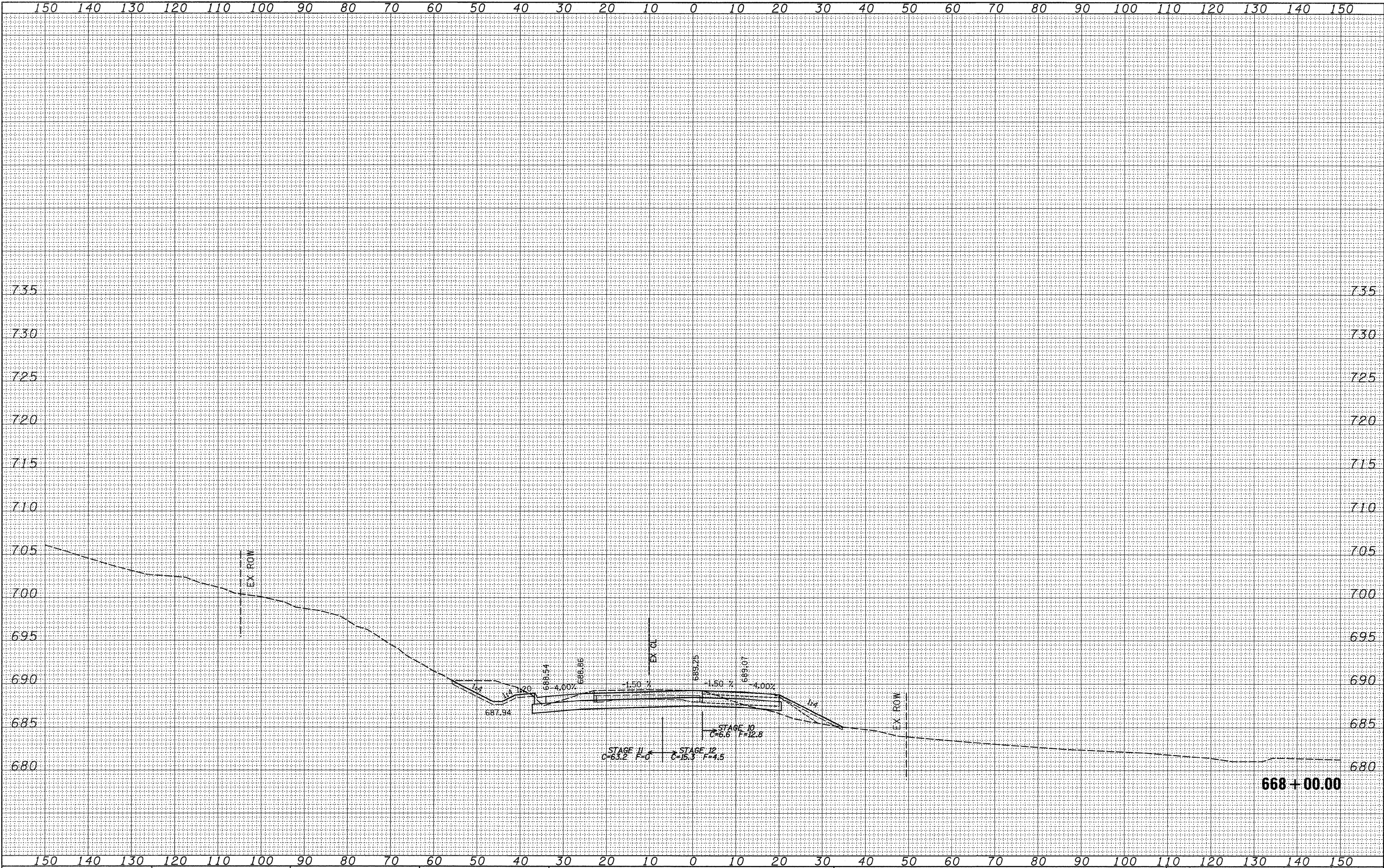
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REDATE		
NO.	AREAS CHECKED		



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150																												
FILE NAME =		USER NAME = cushmanbw		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										IL RTE 2				F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\PWIDOT\CUSHMANBW\dms34123\06486x.mht1.dgn				DRAWN -		REVISED -																742	37R-3		OGLE	345	298	
PLOT SCALE = 10.0000' / IN.				CHECKED -		REVISED -																CONTRACT NO. 84788						
PLOT DATE = Thu Apr 30 11:04:54 2009				DATE -		REVISED -																						
								SCALE:				SHEET NO.		OF		SHEETS		STA. 667+50.00 TO STA. 667+50.00				FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT			

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS	CHECKED	

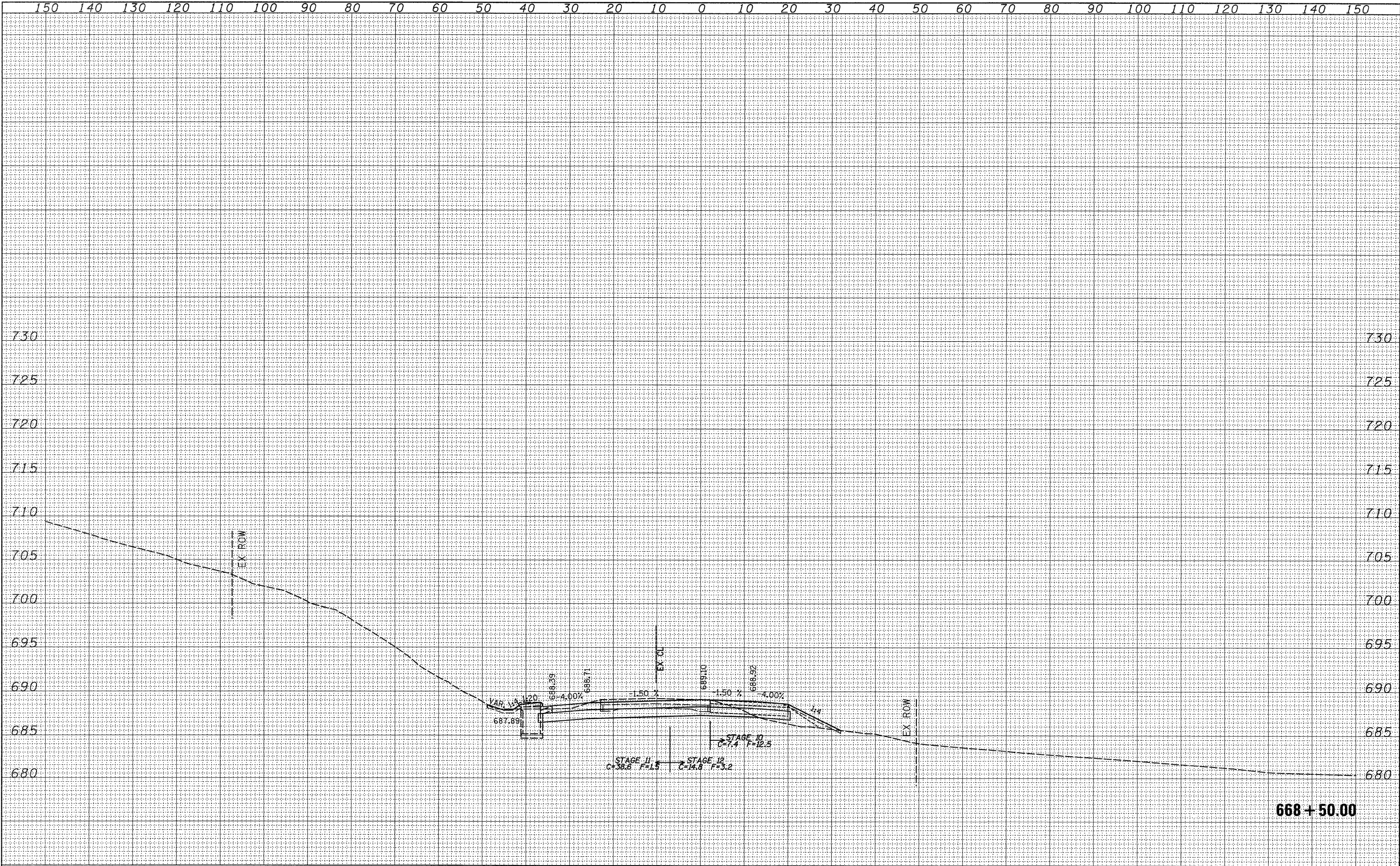
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS	CHECKED	



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\PWIDOT\CUSHMANBW\dms34123\d86486.mht1.dgn		DRAWN -	REVISED -			742	37R-3	OGLE	345	299
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PLOT DATE = Thu Apr 30 11:04:54 2009		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA. 668+00.00 TO STA. 668+00.00
						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS	CHECKED	

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	DATE		
NO.	AREAS	CHECKED	



668+50.00

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 2				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
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		CHECKED -	REVISED -														
		DATE -	REVISED -														
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